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JANSEN-OVERMAN CO.

19 N. Alabama St. »« Indianapolis, Indiana

PHONE LINCOLN 8820



SPECIAL ROSE OFFER

Consisting of the 6 most beautiful Roses
in the world. Two-year old, number one,
field-grown, ready to bloom at once.

\$2.98

Postpaid

VEGETABLE
SEED TRIALS
HORTICULTURE

A Word to Gardeners and Farmers

Our stock is selected with the greatest possible care, both as to trueness to variety and germination test, and while in common with other seedsmen we cannot guarantee the resulting crop, our customers may rest assured that they can get no purer or better seed anywhere than from our stock, and our nearness to you makes both for the personal desire to please customers whom we know and often meet, and convenience to you in ordering and quick delivery. If you will place your orders with us we feel sure that you will abandon the sending to some far off city for that which you can buy to better advantage closer at home.

Another thing to which we desire to call your attention is the limited number of varieties we list in our catalogue. These are the tried and true kinds that have been thoroughly tested and can be depended on for both market and home garden crops. Very few people can tell the difference, if there is any, between much of the fanciful named varieties and those of the old standard kinds, and we feel sure that the average gardener will fare better to select his seeds from this super-quality line of seeds than to experiment with those that have fanciful names and may be adapted to a different climate or condition than you have, if you are going to plant the seed to get the expected crop, rather than as an experimental garden.

AS TO WARRANTY

We exercise care to have all of our seeds pure and reliable but in growing, buying, shipping, cleaning and handling seeds, and in growing the crops from them so many things may occur over which we have no control that we, in common with all other responsible seedsmen, do not give any warranty, express or implied, as to the description, quality or productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be responsible for the crops.

FREE DELIVERY

The prices in this catalogue include delivery, or

prepayment by Parcel Post, of seeds to amount of 5 lbs. or less and bulbs, plants, nursery stock, etc., unless stated to the contrary.

SAFE ARRIVAL GUARANTEED

We guarantee safe arrival in good condition, of all shipments. In case any shipment shows damage on arrival, be sure to have the mail carrier or freight or express agent give you a statement to that effect which send to us, or in the case of freight or express shipments make your claim to the delivering agent at once.

Don't order shipments to "Stops" or a station where there is no agent, unless you send full payment and enough more to pay the transportation.



Jansen's Selected Lawn Seeds

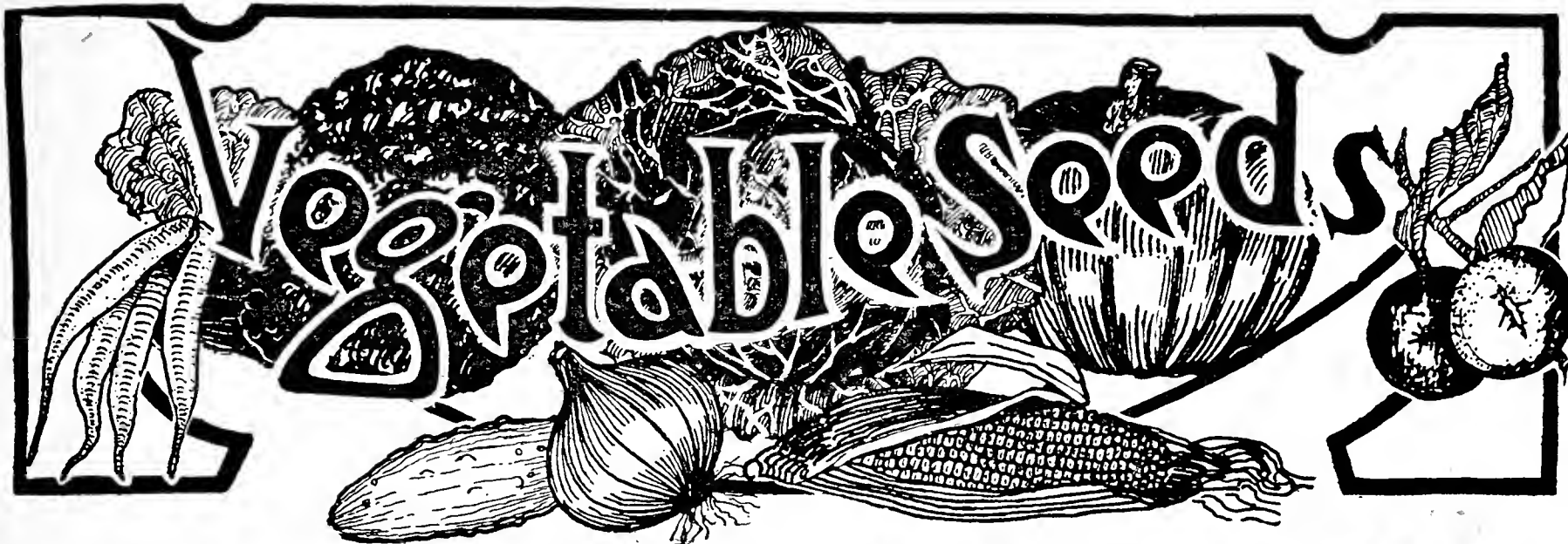
Beware of Cheap Seed—Cheap grass seed mixtures are abundant and they invariably contain large percentages of cheap grass seeds—seeds that grow quickly but ruin the appearance of your lawn. Timothy seed—the cheapest of all is often the principal component of these mixtures.

JANSEN'S FAVORITE LAWN SEED—Produces a thick, velvety, green carpet of unrivaled beauty, and forms a deep-rooted sod that withstands hot dry weather, and which tends to choke out weeds with its heavy luxuriant growth. This superb mixture is without a peer for making new lawns or thickening up old lawns. Composed of

heavy re-cleaned seeds of short fine leaved grasses, and a small amount of White Dutch Clover. Price, 1 lb., 25c; 3 lb., 65c; 5 lb., \$1.10; 10 lb., \$2.10.

JANSEN'S SHADY MIXTURE—A fine special mixture that will produce a beautiful turf in spots too shady for blue grass to grow. Price, 1 lb., 40c; 3 lb., \$1.15; 5 lb., \$1.85; 10 lb., \$3.50.

JANSEN'S SPECIAL MIXTURE—Makes a beautiful lawn like the putting green of a golf course. This mixture contains a large proportion of the more expensive varieties of grass seed. Price, 1 lb., 35c; 3 lb., \$1.00; 5 lb., \$1.60; 10 lb., \$3.00.



ASPARAGUS

PLANTING DIRECTIONS

Sow one ounce of seed to 60 feet of drill; sow in early spring in rows one foot apart. When two years old transplant to permanent beds, which should be well and deeply manured and trenched to the depth of two feet. Set the plants in rows from three to four feet apart and two feet in the rows, spreading out the roots and cover from six to eight inches. On the approach of winter cover with manure. Fork the beds early in the spring and apply a dressing of salt. Cut for use second year after planting in permanent beds.



CONOVER'S COLOSSAL—The standard variety of larger size; tender and of excellent quality. Pkt., 5c; cz., 15c; ¼ lb., 35c. Asparagus roots, doz., 30c; 100, \$1.50.

BEANS

WAX PODDED VARIETIES

PLANTING DIRECTIONS—1 lb. to 100 feet of row; 1 acre requires 60 lbs.

All varieties of beans should be planted when danger of frost is past. For a continuous supply plant every two weeks to about August 1st. Select a warm, sunny location and a fairly rich, sandy soil, if possible. Plant in rows 18 to 30 inches apart, 2 inches deep and 4 to 6 inches between the plants in the row. Cultivate or hoe in dry weather, but avoid working among the beans when plants are wet, as this induces rust.

IMPROVED RUST-PROOF GOLDEN WAX—The pods average five inches long, are stringless, and of a rich golden color. By far the most popular bean grown. Pkt., 5c; ¼ lb., 15c; 1 lb., 30c.

PENCIL POD WAX—Is a long, straight round-podded, crease-back bean. Early and free from strings, and a clear yellow in color. Good for canning. Pkt. 5c; ¼ lb., 15c; 1 lb., 30c.

Golden Wax

BURPEES GREEN PODDED BUSH LIMAS

STRINGLESS GREEN POD—Perhaps the most popular green bean in this section. Fine either for home use or market. Grows well and its long, slender pods are attractive to buyers, while its eating qualities are unsurpassed. Fine also for late planting. Pkt., 5c; ¼ lb., 15c; 1 lb., 30c.

RED VALENTINE—Very popular green-podded snap beans, specially adapted for the South. Ready for picking about 50 days from time of seeding. Big yielder, full, round, meaty pods of unusual tenderness. Pkt., 5c; ¼ lb., 15c; 1 lb., 30c.

WHITE NAVY—Used largely as a field bean and extensively used for cooking and baking. The plants are dwarf in habit but very productive. Beans are white, of excellent quality. Pkt., 5c; ¼ lb., 10c; 1 lb., 25c; 5 lbs., \$1.00.

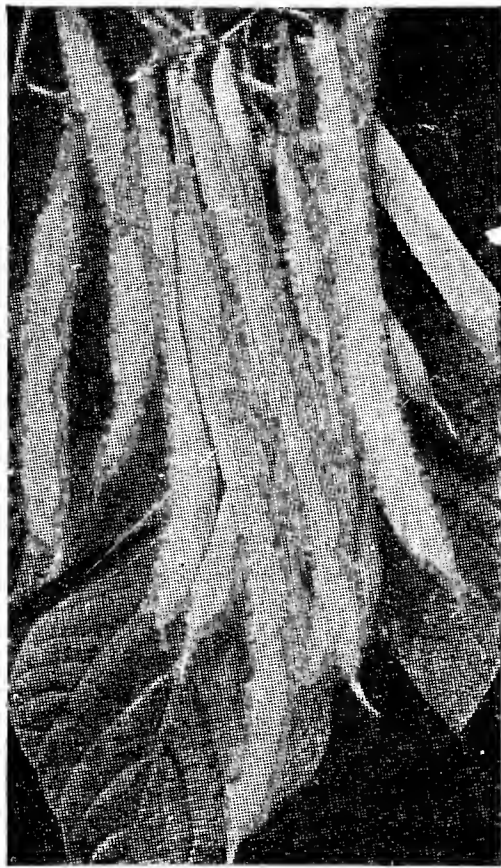
WHITE KIDNEY—A fine shell bean used simi-

lar to White Navy, but seed is much larger and is cooked together with sweet corn, making "Succotash". A fine winter bean. Pkt., 5c; ¼ lb., 10c; 1 lb., 30c.

RED KIDNEY—A fine shelling bean of good quality. Similar to White Kidney but red in color. Used for cooking with sweet corn, making "Succotash". A very good winter bean. Pkt., 5c; ¼ lb., 10c; 1 lb., 30c.

DWARF HORTICULTURAL—An early shell bean of very fine quality. Hardy and productive. Pods about 5 inches in length, broad, thick and splashed with red. Can also be used early as a snap bean. Pkt., 5c; ¼ lb., 10c; 1 lb., 30c.

LARGE WHITE MARROW—Large, oval shaped, white bean. Fine for baking. Pkt., 5c; ¼ lb., 10c; 1 lb., 30c.



Horticultural Pole

POLE LIMA

POLE LIMA, Planting Directions—1 lb. to 100 ft. of row; 1 acre requires about 35 lbs.

Pole Lima Beans should be planted in rich soil, and a sunny location. Have the poles lean toward the north. Four feet between the rows, and three feet between the poles in the row. Plant 6 to 8 beans around each pole. Thin out and leave the five strongest plants. If poles are scarce put posts 10 feet apart, stretch single wires or netting along, and plant the beans 8 to 10 inches apart.

LARGE WHITE LIMA—A well known variety of tall, vigorous growth, pods are borne in clusters and are about 5 inches in length, broad and thin. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 30c.

BEETS

PLANTING DIRECTIONS—Beet seed should be soaked for 24 hours preceding planting to insure quick germination. 1 oz. will sow about 100 ft. of row; 1 acre requires 7 lbs. Beets require a deep rich, sandy loam and can be sown as early as the ground can be worked in the spring. Sow in rows 12 to 18 in. apart. Sow 1 in. deep.

EXTRA EARLY EGYPTIAN—One of the earliest varieties. The flesh is dark red, firm, crisp and tender. The best variety for growing in hotbeds. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

EARLY BLOOD TURNIP—Great favorite with many gardeners. Color deep blood red; flesh tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

EARLY ECLIPSE—One of the most valuable varieties for either market or private gardens. Remarkable for its rapid growth and perfection of form. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

DETROIT DARK RED—Planted by market gardeners for both early and late crops, a fine keeper for winter use. Very dark red throughout. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

MAMMOTH LONG RED MANGEL—Roots are very large, straight and well formed. Grows as long as 2 ft. Very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 60c.

POLE BEANS

HORTICULTURAL POLE—An old well known sort. Mid-season in maturity, hardy and productive. Pods 5 to 6 inches long. Pkt. 5c, $\frac{1}{4}$ lb., 15c, 1 lb., 30c.

KENTUCKY WONDER—Pods are green, about 10 inches long and nearly round, fleshy, stringless and one of fine flavors. Early and very productive. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 30c.

LAZY WIFE—An excellent variety for home use. Can be used for cooking green or shelled for winter. Pods are broad, thick and stringless. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 30c.

RED SPECKLED CUT SHORT—A well known, late productive sort. Pods $3\frac{1}{2}$ to 4 inches long. Color light green. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 30c.

MISSOURI WONDER—A well known sort in some states. Very desirable and of fine quality and very productive. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 30c.

BUSH LIMA

PLANTING DIRECTIONS—1 lb. to 100 ft. of row; 1 acre requires about 60 lbs.

Lima Beans, in common with all other varieties of beans are sensitive to cold and should not be planted until all danger of frost is past. Require a rich, light, preferably sandy soil which helps to mature the "Limas" quickly. Select a rich soil or use old well-rotted manure; Plant in hills $2\frac{1}{2}$ to $3\frac{1}{2}$ ft. apart each way and 4 to 6 seeds in a hill, or in rows 2 to 3 ft. apart. 4 to 6 inches between the plants in the row and 2 inches deep. Draw the soil up along the plants, but do not work among the beans when wet as this induces rust.

BURPEE'S BUSH LIMA—Perhaps the best Dwarf Lima Bean. Heavy yielder and sure cropper. Pods 4 to 5 inches long containing 3 to 5 seeds, large, flat and white of excellent quality. Fine for both market and home use. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c.

FORDHOOK—Produces a large strong plant growing upright keeping the pods off of the ground which prevents rot. Has a very nice flavor. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c.

HENDERSON'S—Small bean, but most productive of all white sieva limas. The original lima. Very early. Pkt., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c.



Burpee's Bush Lima



Detroit Dark Red

SWISS CHARD

PLANTING DIRECTIONS—1 oz. to 100 ft. of row. Required a rich soil and should be planted early. Sow in rows 18 inches apart, about 1 inch deep and thin the plants 4 to 6 inches in the row.

LUCULLUS—A new variety, stalks thick and broad as rubarb and leaves light green, much crumpled and curled. Pkt. 5c; oz., 10c; ¼ lb., 25c.

BRUSSELS SPROUTS

PLANTING DIRECTIONS—1 ounce for about 5,000 plants; 1 acre requires 2 ounces.

The culture is similar to that of cabbage. Sow the seed in boxes or in frames under glass and transplant to the open ground in June. Can also be sown in the open ground and transplant in rows 2 feet apart and 15 inches between the plants in the row. A good plan is to break the leaves in fall to give the heads more room to develop. Set out plants latter part of June for a winter supply.

DWARF IMPROVED—Stems 18 to 20 inches high, sprouts about two inches in diameter and well rounded. Pkt., 5c; oz., 20c; ¼ lb., 75c.

CABBAGE

PLANTING DIRECTIONS—1 oz. for about 4,000 plants.

Enrich the soil with plenty of manure and spade or plow deep. Good drainage is necessary. Sow inside in boxes or under glass 6 weeks before planting out. Plant in rows 2 feet apart and 18 inches apart in the row. For late cabbage, sow outside in seedbeds in May and transplant in rows 2½ ft. apart and 2 ft. between plants in the row.

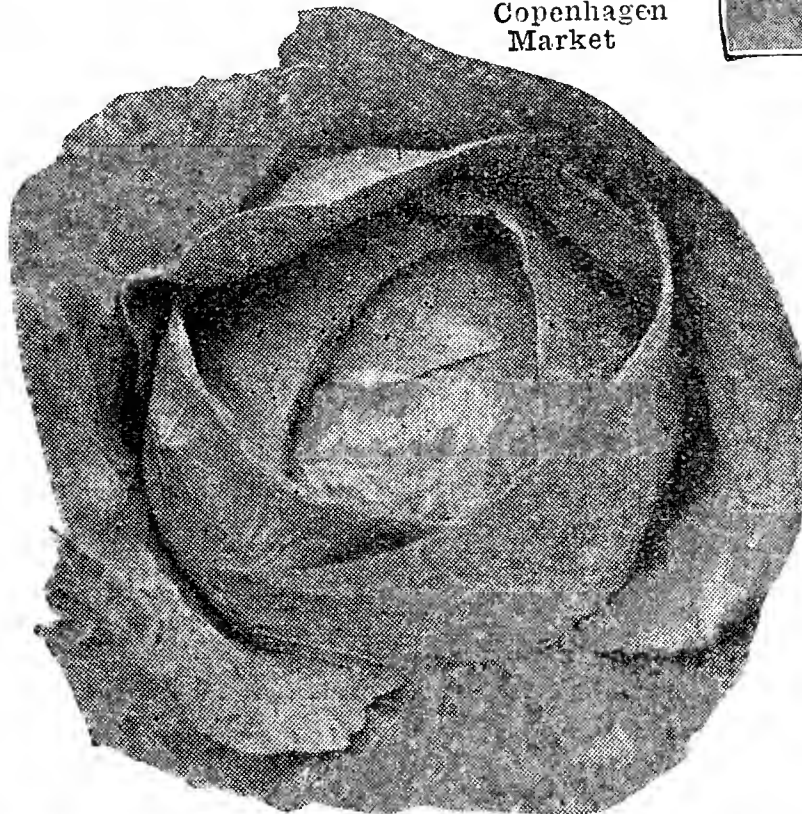
EARLY VARIETIES
EARLY J E R S E Y
WAKEFIELD — Well known standard variety, earliest of the pointed head cabbages. Planted extensively by market gardeners. Quality and flavor excellent. Pkt. 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

GOLDEN A C R E — Earliest round headed cabbage. A favorite among market gardeners on account of its earliness and solid heads, weighing 4 and 5 pounds and sometimes 10 lbs. Matures before Early Jersey Wakefield. Pkt., 5c; ½ oz., 25c; oz., 40c; lb., \$4.50.

Copenhagen
Market



Lucullus



DANISH BALLHEAD

—A well known variety on account of its solid heads and wonderful keeping qualities. Solid, crisp, tender with small amount of waste. Pkt., 5c; oz., 25c; lb., \$3.50.

LATE FLAT DUTCH

—An exceedingly large variety, very hardy and a sure header. Heads are flat but deep, solid and a good keeper. Pkt. 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

ALL SEASONS—Heads very large, almost round, very hard and solid and flat on top. Good keeper. Pkt., 5c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

COPENHAGEN MAR-

KET—Very popular round head variety. Stem short, heads are large and solid. A very profitable kind to grow. Pkt., 5c; oz., 20c; ¼ lb., 75c.

WISCONSIN WILT RESISTANT (All Seasons)—Resistant against the disease commonly called "yellows". Pkt., 5c; oz., 35c; ¼ lb., \$1.25; lb., \$4.50.

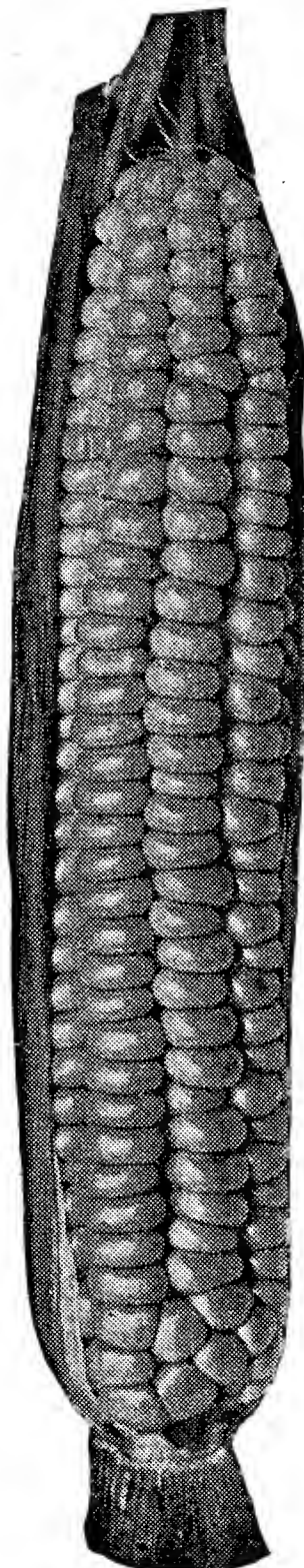
CHINESE PE TSAI—Different than the ordinary cabbage, resembling Cos Lettuce, with solid head and few outer leaves. Very productive. Pkt. 5c; oz., 25c; ¼ lb., 75c.

LARGE ORDERS—Any Market Gardener, Institution or any individual wishing seeds in large quantities is requested to mail us a list of what is wanted and we will promptly return it to you with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.



Late Flat Dutch

GARDEN CORN



Golden Bantam

PLANTING DIRECTIONS—Plant corn every two weeks for a continuous supply, and north of the Ohio from late April to late July. Plant corn in three or four foot drills, dropping a grain every eight to sixteen inches, or plant in hills three or four feet each way, giving six grains to the hill and thinning to three stalks. Corn should be planted about one inch deep, planted deeper in sand than in heavy clay; planted deeper later in the year when the soil is warm. Plow deeply for corn, cultivate shallow, and pick corn before it is too old. If the goodness of new corn tempts a too early planting, do not blame the resulting failure on your seedsman.

EXTRA EARLY ADAMS—Same size, type and style as Early Adams. Hardest and earliest corn. It is not a Sugar Corn, but is grown for early use. Ears short, kernels very white. Like Early Adams it is hardy and can be planted early. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

STOWELL'S EVERGREEN—Perhaps the most popular variety for main crop and general planting on a large scale. It grows to a good height; ears are very large, well filled to the tips. The sweet kernels are pure white, affording a ready sale. Ears are about 8 to 9 inches long, 16 to 18 rowed. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

GOLDEN BANTAM—Finest home garden variety, and in a class by itself for quality. Superior in many ways to other Sweet Corn. Very early, sweet and tender. Cobs are well filled with deep cream colored kernels. We cannot recommend this variety too highly for the home garden. It is important that the corn be picked about 3 to 4 days after it has taken on a yellow hue. If picked later than this it is apt to be over ripe and cook hard. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

COUNTRY GENTLEMAN—A fine mid-season variety, sometimes called "Shoe Peg", owing to the shape of the kernels. Cobs are very small, thickly covered with white, slender kernels. Very sweet and tender. Very prolific and remains ready for use longer than any other kind. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

BANTAM EVERGREEN—A cross between Golden Bantam and Stowell's Evergreen. Ears are filled with creamy yellow, tender, sweet kernels. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

EARLY MINNESOTA—Very popular, standard early variety. Ears about 8 inches long, kernels very broad, sweet and tender. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

POP CORN

Pop-Corn can be grown to advantage in a commercial way and no farm or garden is complete without a few rows of this delicious confection, for who does not recall with pleasure bleak winter evenings enlivened by a dish of pop corn.

PLANTING DIRECTIONS—1 oz. to 75 ft. row; 12 lbs. per acre.

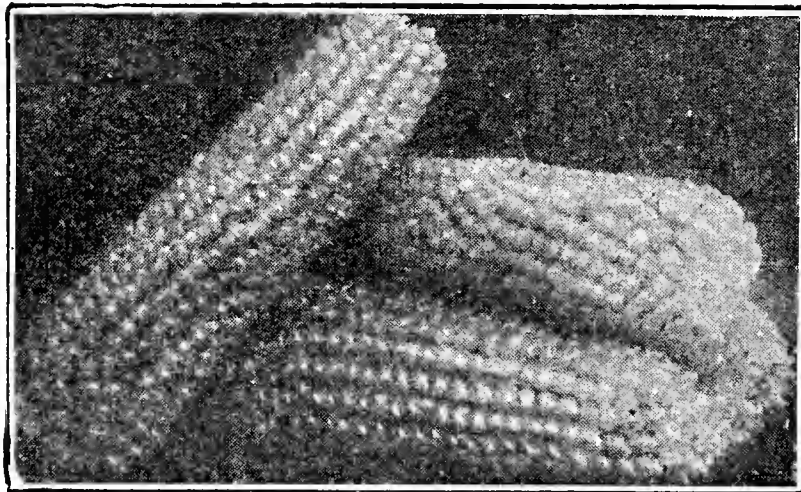
A good garden soil will produce good Pop Corn. Select a sunny, warm location and plant in rows 3 to 4 ft. apart. Drop seeds every 14 inches and cover 1 inch deep. Cultivate or hoe often.

WHITE RICE—A popular variety with "Cracker Jack" men. The kernels are pointed and resemble rice. It matures later than other varieties but yields heavily and "pops" fine. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

GOLDEN QUEEN—Yellow grain and a good "popper". Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

JAPANESE HULLESS—This is a dwarf strain, producing a heavy yield of short, thick ears, with pearl white kernels, which are large and tender when popped. Bears 2 to 5 ears to stalk. Pkt., 5c; $\frac{1}{4}$ lb., 10c; lb., 20c.

With our selected seeds you will not experience a crop failure when produce market prices are high.

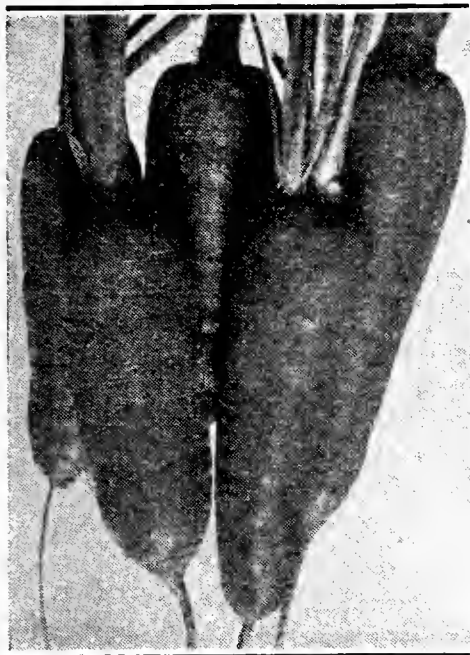


White Rice Pop Corn



Country Gentleman

If at all possible increase your garden space next season thereby supplying more fresh vegetables for the table at a minimum amount of cost. Make that waste space pay a dividend. Your favorite dish can be supplied in abundance with a few moments time devoted to the preparing of ground and planting.



Chantenay

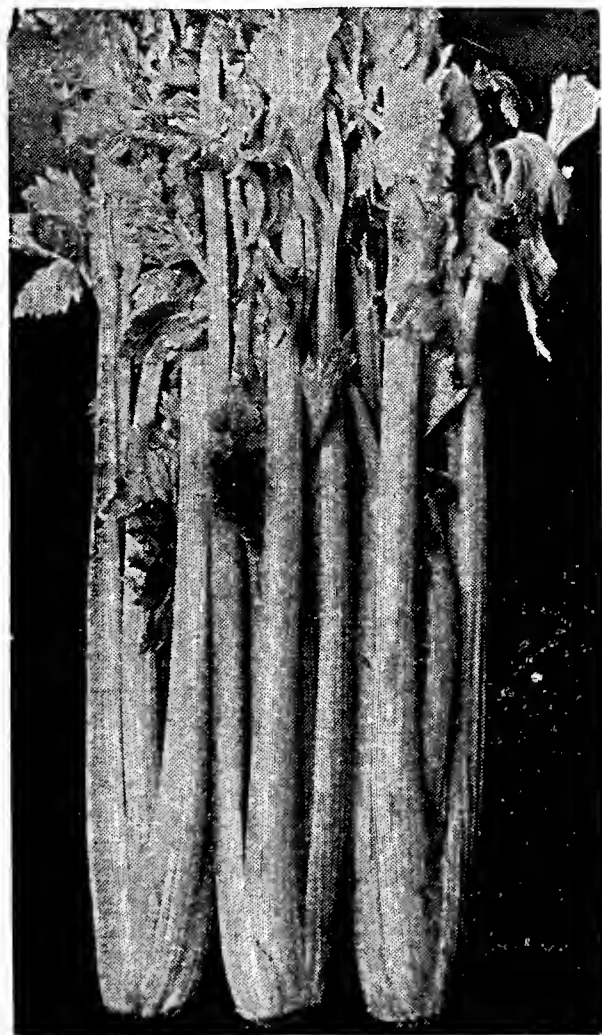
plant early in spring in rows 3 ft. apart and 18 in. in the row. When heads begin to form the leaves should be tied together over the head to keep out the light and produce fine white heads. Pkt., 10c; $\frac{1}{4}$ oz., 40c; oz., \$1.50; $\frac{1}{4}$ lb., \$5.50.

EARLY SNOWBALL—A good forcing variety, and can be used also as a late crop for winter. Heads are of medium size, solid, round and very white. Quality is unsurpassed being tender, crisp and sweet.

CELERY

PLANTING DIRECTIONS—1 oz. for 3,000 plants; 4 oz. required for 1 acre.

Celery does well in muck land but can be grown in any good—perfectly moist—garden soil. Sow in rich soil, in boxes inside or in frames under glass. When plants are 2 inches high, transplant again in boxes or cold frames 2 inches each way. Seeds germinate slowly in about 20 days. Dig trenches 4 feet apart and 6 inches deep, set the plants 6 to 8 inches apart in the trench. When plants are full grown fill in the trench for blanching.



Golden Self Blanching

CARROTS

PLANTING DIRECTIONS— $\frac{1}{4}$ oz. to 100 ft. row; 1 to 3 lbs. per acre. A sandy, rich loam, and deeply cultivated is the best soil for carrots. Sow in rows 16 in. apart, thin to 6 in. in the row. Cover 1 in.

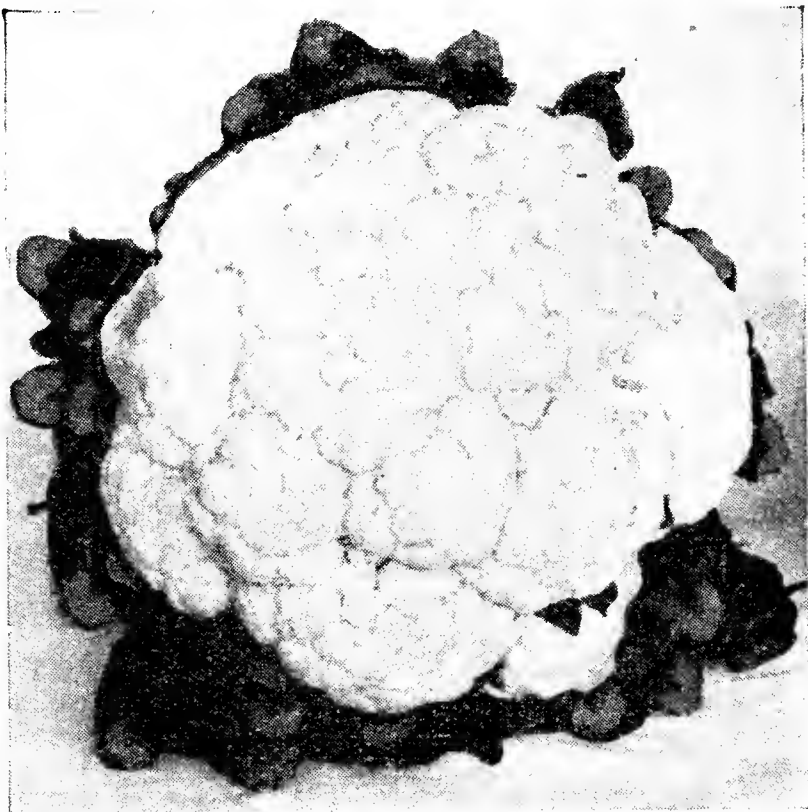
CHANTENAY—An excellent medium early half long variety, of fine quality both for home and market garden purposes. The tops are of medium size with small neck. The roots are thick, of medium length and of deep red orange color. A fine carrot for table use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DANVERS HALF LONG—A rich orange red variety, very smooth and handsome, producing very large crops. An excellent market variety. Roots taper to a blunt point. Flesh is sweet, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

OXHEART—Very early, short, thick and extra fine quality. Deep orange color. Well adapted to shallow and hard soils. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CAULIFLOWER

PLANTING DIRECTIONS—1 oz. for 2000 plants. For early crop, sow seed in hot bed or in boxes about 6 weeks before time to plant out. Trans-



Early Snowball

GOLDEN SELF-BLANCHING (French Grown)—Considered the best variety for early use; well known among celery growers for its fine quality. Plants are medium size, stocky, with yellowish-green foliage. Its handsome color, crispness, freedom from stringiness and fine nutty flavor made it a superior early sort. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

WHITE PLUME—An attractive quick growing early variety, well known for the short time necessary in blanching. Suitable for the home garden and market on account of earliness. Imported stock. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

COLLARDS

GEORGIA OR SOUTHERN—Collards are large Kale-like plants, extensively used in the south both for table and stock feeding. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c.

When you buy your garden and flower seeds at Jansens you can be sure you are getting the finest seed to be had anywhere and at any price. All of Jansen's seeds are FRESH and have been thoroughly tested. Be sure to note our extremely low bulk prices. Even tho you have only a medium size garden, you will find you can save considerable by taking advantage of them.



Georgia

CUCUMBERS

PLANTING DIRECTIONS—1 oz. for 60 hills; 3 lbs. for an acre in hills.

Cucumbers require a rich loam. It is well to plow or dig under well rotted manure and a small amount of lime. The lime will help the plants to resist fungous diseases. For early use sow in berry boxes or on overturned pieces of sod and transplant when all danger of frost is past. Sow in hills 4 to 6 feet apart each way, three-quarters of an inch deep, leaving six plants to a hill.

IMPROVED WHITE SPINE—A fine strain, bearing blue-green fruit, often from 10 to 12 inches in length; smooth, round and of fine quality. Especially recommended for hotbed culture. The seed we offer has been taken from fruit selected for its ideal form, uniformity in size, shape and color and general appearance. A very fine variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY CLUSTER—An early and very productive variety. The vines are hardy and very vigorous, bearing fruit in clusters of two or three, the fruits are short, thick, bright green, shading lighter at blossom end, crisp and tender. This sort is planted in many sections for the home garden. It is extensively used for pickling as well as for slicing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

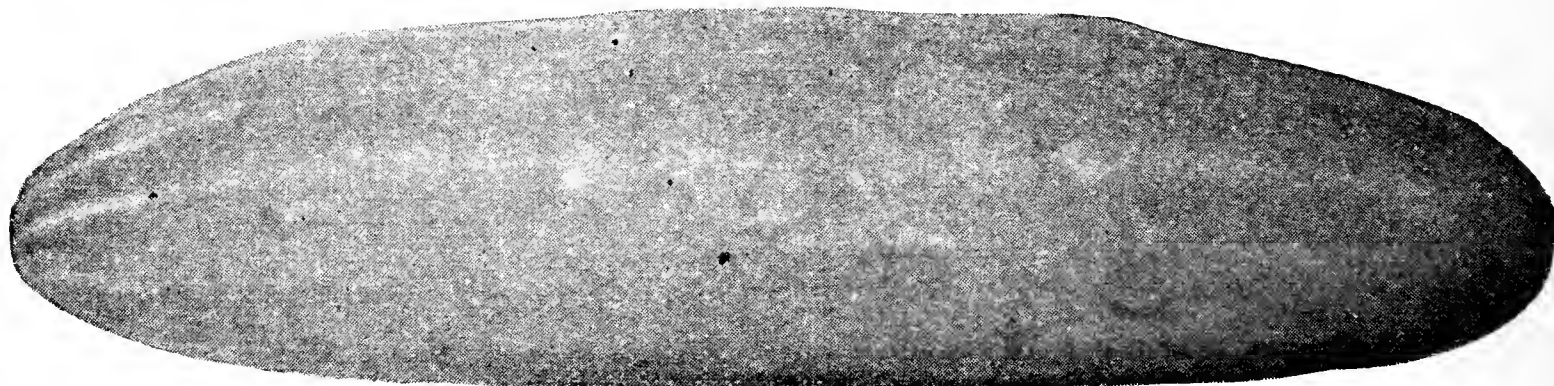


Chicago Pickling

CHICAGO PICKLING—This variety is perhaps the most popular of the pickling varieties. It originated in the vicinity of Chicago and has become well known throughout the country. Is very prolific and a heavy cropper. Color very dark green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WHITE WONDER—Produces fruit in clusters. Color ivory white from time of forming until maturity. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

IMPROVED LONG GREEN—A standard variety used for slicing while young. With age it turns to a rich golden yellow, when it can be used for sweet pickles. This cucumber should be in every garden where a general purpose variety is most desired, as the various stages of development of the fruit can be utilized for a large assortment of delicious dishes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



Improved Long Green

ENDIVE

PLANTING DIRECTIONS—One quarter ounce to 100 feet of row; 4 pounds to one acre.

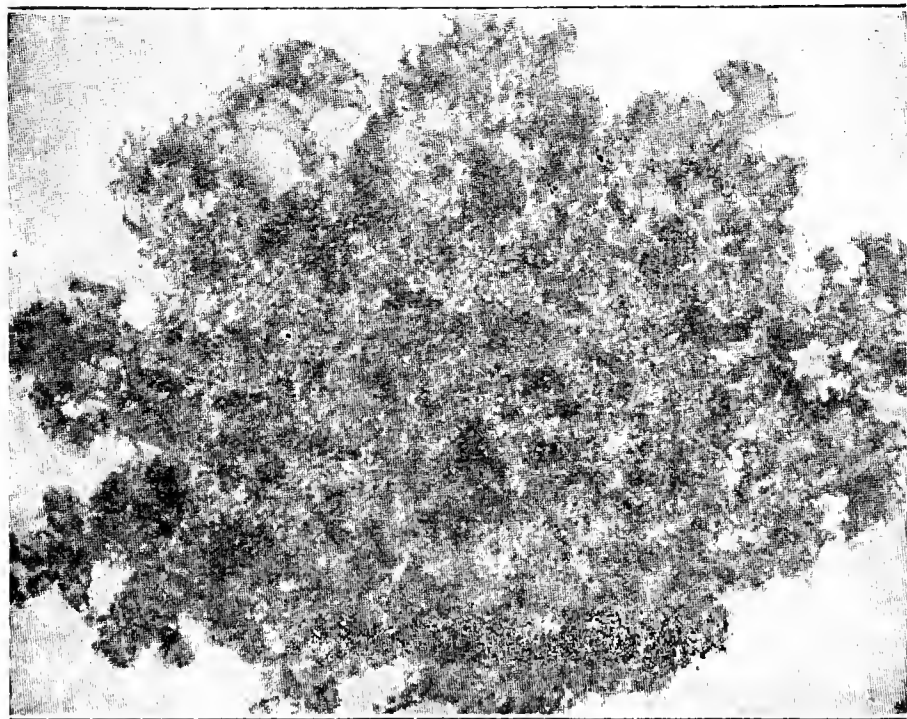
Endive is grown in the same way as lettuce, but requires a longer time to develop. It takes about 50 days to grow a crop. Sow early in May in rows 15 inches apart and thin to 1 ft. apart in row. Endive should be blanched by tying up the outer leaves like celery when the plants are full grown. Draw up the soil about the plants.

GREEN CURLED—Resembling a tuft of moss and one of the best salads. Foliage finely cut; crisp, tender and fine flavor. Valuable salad plant for fall and winter use. Prices, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.

BROAD LEAVED BATAVIAN—This variety has rather smooth leaves, with thick, nearly white mid-ribs used for flavoring soups.

SWEET POTATO PLANTS

MANCY HALL, YELLOW JERSEY — Transplanted field grown sweet potato plants ready for you at planting time. Ask for prices during the planting season.



Green Curled Endive

LETTUCE

PLANTING DIRECTIONS—1 oz. to 75 ft. row; 4 to 5 lbs. per acre.

Lettuce requires a mellow, moist and rich soil for best results. For early crop sow in hotbed or boxes inside. Outdoor culture can be started as soon as the ground can be worked in spring. Sow in rows 1½ ft. apart and thin to 3 inches between the plants in the row. Sow every 10 days. Water frequently. Head lettuce should stand 8 inches apart in the row.

LEAF VARIETIES

PRICES OF LETTUCE, All Varieties—Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

BLACK SEEDED SIMPSON—The best known and perhaps used more than any other variety of 'leaf lettuce'. Very early and hardy. Good either for outside or forcing under glass. Its growth is compact, and the leaves are thin, early and remarkably crisp and tender. Stands the summer heat well.

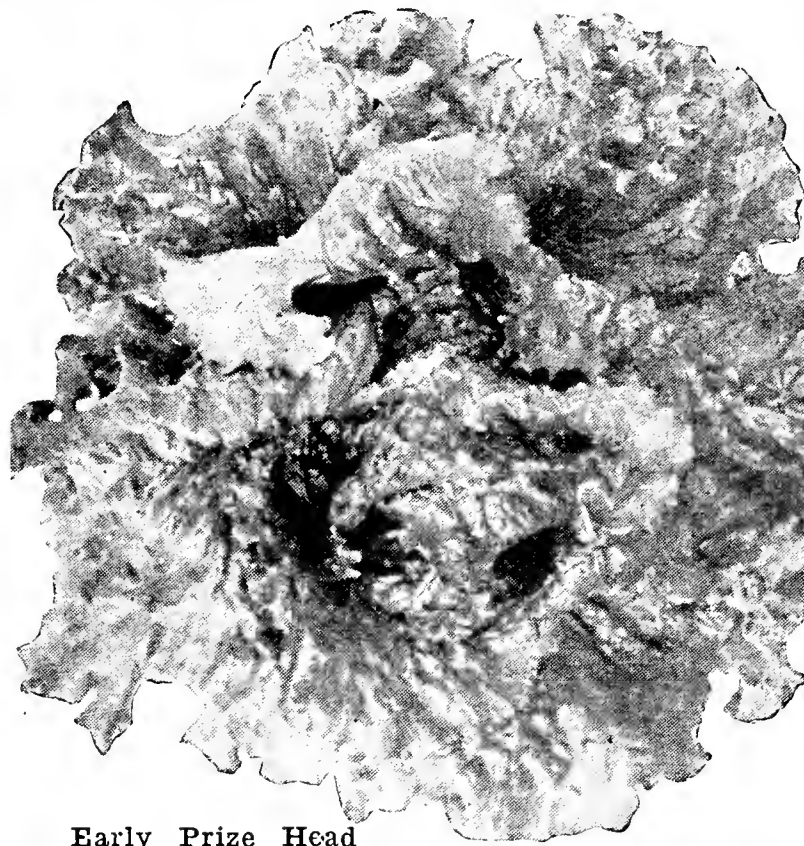
EARLY PRIZE HEAD (Seed White)—A large, clustering non-heading lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. The leaves are finely curled and crumpled, bright green tinged with brownish red and are very crisp, tender and sweet.

EARLY C U R L E D SIMPSON (White seeded)—The variety most used for the early home garden.

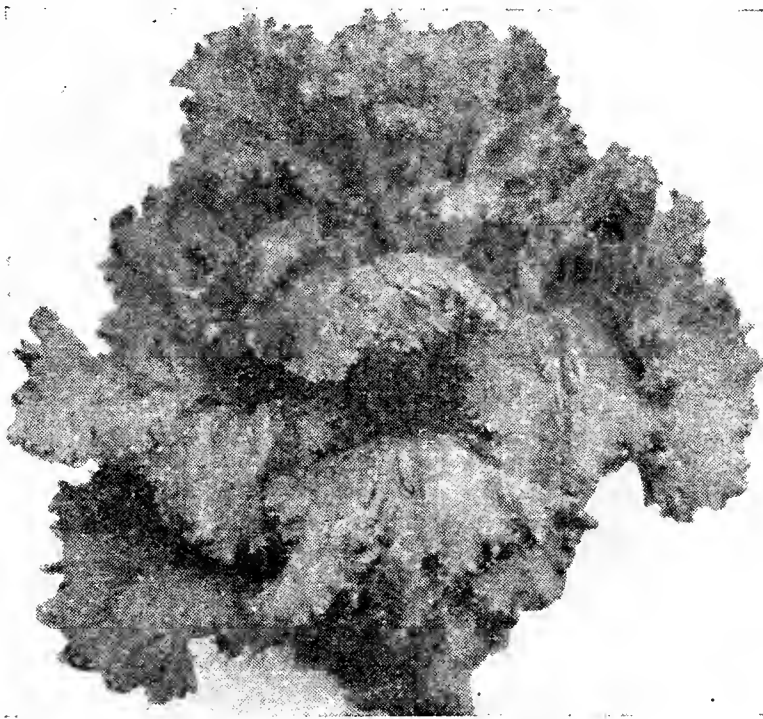
GRAND RAPIDS—Perhaps the best variety for forcing. A splendid variety for garden purposes, somewhat similar to Black Seeded Simpson except that the leaves are more crimp and curled. Used extensively for garnishing.

HEAD VARIETIES

ICEBURG—This is of the distinct crisp-head or cabbage head type. It differs from all described above in having mid-ribs which bend in, curving over the center, forming most tightly folded heads. Ready for use in from 80 to 85 days after sowing seeds.



Early Prize Head



Grand Rapids

HANSON — One of the best for the home garden. Resists heat well. Large solid heads; flesh blanches beautifully, and is wonderfully crisp and tender.

OHIO GRAND RAPIDS —It matures quickly and is of large size, handsome appearance, crisp and tender. The leaves are bright green and crimped at the edge.

CHICKEN LETTUCE —Furnishes a big and continuous supply of fine green food for chickens or rabbits. Leaves are produced on a stalk which grows three or four feet high. Will grow again when cut.

MUSTARD

PLANTING DIRECTIONS—1 oz. to 100 ft. row.

Mustard thrives best in a rich, quick, loose and naturally moist soil. For salad, sow in rows 1 foot apart with plants an inch or two apart in the row. For general purpose, that is when seed is required for pickles, pepper sauce, etc., sow in rows one and one-half feet apart and plants three to four inches apart in the row. Cover the seed about one-half inch. Sow every ten days for succession.

SOUTHERN GIANT CURLED—Leaves large, light green with a tinge of yellow; much crumpled and frilled at edges. Used for flavoring salads, etc.

EGG PLANT

BLACK BEAUTY—It is entirely free from spines around the corolla, a dark rich purplish color; very attractive. Splendid for early crops or very late planting for market or family use. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.50.

KALE

DWARF CURLED SCOTCH—Leaves are large, as curly as parsley, and very tender, bright green in color. Pkt. 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

KOHL RABI

EARLY WHITE VIENNA—The bulbs grow about the size of an apple, are pale green in color, and have delicate cabbage-like flavor. Pkt., 5c; oz., 40c.

LEEK

AMERICAN FLAG—A large variety of fine flavor. Grows tall and thick and of fine white color. Pkt., 5c; oz., 15c; ¼ lb., 50c.



Southern Giant Curled Mustard

Hearts
of Gold

MUSKMELONS

PLANTING DIRECTIONS—1 oz. to 100 hills; 2 to 3 lbs. per acre.

Muskmelons require a warm, sunny location. Sow in a rich, sandy loam in hills 4 to 6 ft. apart. About 10 seeds to a hill and thinning later, leaving the five strongest. Cover the seeds 1 inch. To assist in ripening the fruit remove any leaves which may prevent the sun from reaching the melons. S. F. means salmon fleshed.

OSAGE—Perhaps the most popular red or salmon fleshed variety in existence. Medium size, oval shape, skin very dark green and slightly netted. The flesh is a rich salmon color—very thick and meaty. Flavor excellent and sweet. Grows throughout the country and used extensively by market gardeners.

PRICES ON MUSKMELONS, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

HACKENSACK EXTRA EARLY—The Hackensack has long been the leading variety of cantaloupe melon grown in New Jersey for the eastern markets. This variety has all the features of the old sort, but is from eight to ten days earlier.

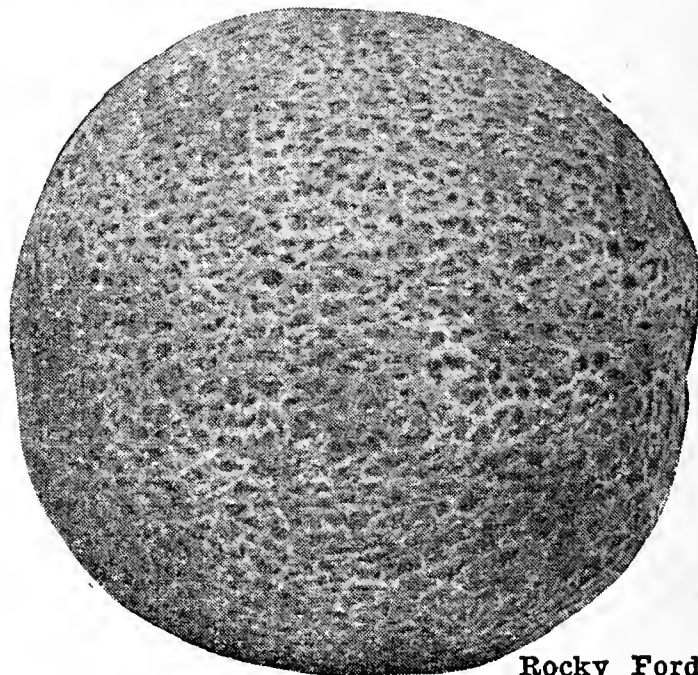
ROCKY FORD (Netted Gem)—A really famous variety, known throughout the country for its exceptionally good qualities. Melons are netted and ribbed, solid green flesh and very sweet. Our seed is of select stock.

HEARTS OF GOLD—Of fine quality and extensively planted by home gardeners. In size it is equal to Rocky Ford. Flesh very thick, salmon color; excellent shipper.

TIP TOP (S. F.)—Excellent variety, either for home garden or market use. Very hardy and of Tip Top quality. Fine flavor, has thick, salmon colored flesh, sweet and juicy. We have an excellent strain of seed.

BANANA—It will grow from 18 to 24 inches. When ripe it has a pinkish flesh and a lemon colored skin and is a very good eating melon.

MONTREAL MARKET—A large new variety of much merit. Light green, slightly netted skin; salmon colored, wonderfully sweet interior.



Rocky Ford

WATERMELONS

PLANTING DIRECTIONS—4 oz. to 100 hills; 4 lbs. per acre.

Watermelons require a long season and do better where planted in a loose, sandy loam and in a sunny exposure. It is advisable to mix some well-rotted manure in each hill. The hills should be 8 feet apart each way. Place a shovel full or two of rich, loose soil on each hill and plant 10 seeds in each. When the plants are up thin out and leave the five strongest. Fertilize often with liquid manure and remove any leaves shading the melons.

PRICES ON WATERMELONS, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

SWEETHEART—A very early large-sized melon. Nearly round. Skin light mottled green with netted lines of a darker shade. Rind thin but tough, bears shipment well. Flesh deep, rich, red, crisp and melting. A good shipper.

MONTTE CRISTO—A large, medium late, oblong

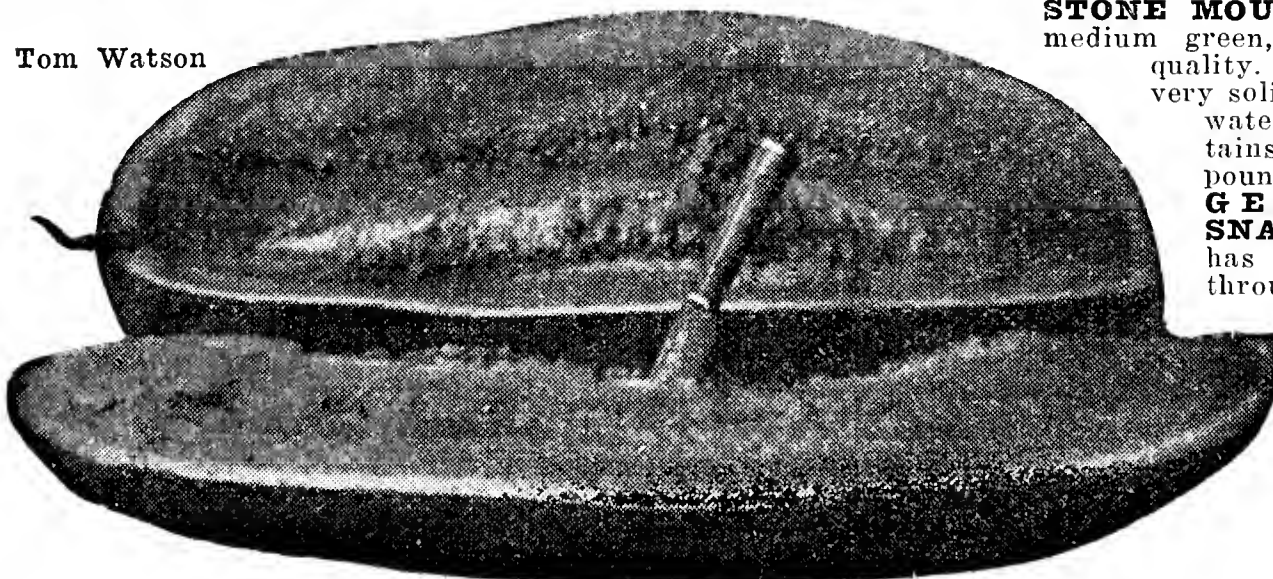
melon, with dark green rind. The scarlet flesh is sweet and sugary and is of fine texture.

KLECKLEY'S SWEET—This variety ripens early and is considered by many the sweetest, juiciest and most delicious of all. Specially fine for the home garden. The skin is dark green, faintly striped. Flesh bright red and peculiarly sweet, rich, crisp and of pleasing flavor.

TOM WATSON—No melon ever introduced has sprung into popular favor so quickly as the Tom Watson. It is the watermelon of today and for the future, as it possesses all the fine qualities of a perfect variety, both as to its productiveness, quality and for transportation to distant markets without damage. Its size ranges from eighteen to twenty-four inches long by ten to twelve inches in diameter. Color dark green, deep red flesh, which extends close to the rind, free from core, crisp, melting and of finest flavor. It also commands the highest market prices.

STONE MOUNTAIN—A very large, medium green, round melon of fine quality. Flesh highly colored, very solid, fewer seeds than most watermelons. Frequently obtains a weight of 60 to 80 pounds.

GEORGIA RATTLE-SNAKE—A variety which has gained great popularity throughout the entire country for its size and fine shipping qualities. Shape oblong, of light green color and beautifully mottled and striped with a lighter green shade. Flesh scarlet, very solid, and both sweet and delicious, rind very thin.



Tom Watson

ONIONS

PLANTING DIRECTIONS—1 oz. for 100 ft. row; 5 to 6 lbs. per acre.

Onions require a very rich soil. Spread well-rotted manure liberally over the ground in fall, plow or spade this under deep. Leave the ground lay rough during winter. The alternate thawing and freezing will help to pulverize the soil. In spring prepare seed-bed smooth and level. Plant as early as possible in rows 1 foot apart and thin to 3-4 inch between the plants. Cultivate often and keep onions free from weeds.

PRICES ON ONIONS, All Varieties—Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

SOUTHPORT YELLOW GLOBE—The most popular variety of Yellow Globe on the market. Its keeping qualities are unsurpassed. Color an attractive yellow. Our strain of this seed is choice and has been carefully selected.

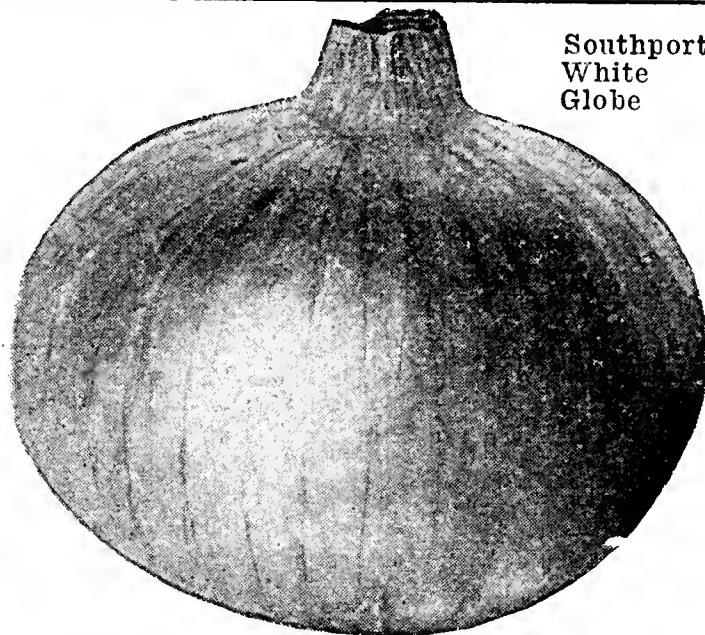
SOUTHPORT WHITE GLOBE—One of the best of the Globe varieties. Large in size, fine in quality, bringing a ready sale anywhere. Color a silvery white. When sown thick they can be used for green or bunch onions. Our strain of this seed is of a fine quality.

YELLOW GLOBE DANVERS—A well known and standard variety; heavy cropper and excellent keeper; skin of light yellow, even color. Ripens early. The onions are firm, solid and keep well during the winter.

PRIZETAKER—Grows to be a very large onion, hardy, productive and a good keeper. Outside skin, rich yellow, flesh pure white, sweet and tender.

LARGE RED WEATHERSFIELD—One of the most popular winter varieties. Matures late and makes very large onions. They are thick, though well flattened; the outer skin is a deep rich purplish red, smooth and glossy; flesh white, tinted pink and nearly as mild as the lighter skinned sorts. Its keeping qualities are unsurpassed.

Southport
White
Globe



OKRA OR GUMBO

PLANTING DIRECTIONS—1 oz. to 100 ft., row.

Requires a rich soil. Okra is a tropical plant and should be planted when all danger of frost is past. Sow in rows 3 ft. apart and thin to 10 to 12 inches between plants in the row. The green pods are used in soups and stews and are very nourishing.

PRICES ON OKRA, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

WHITE VELVET—Distinct in appearance; the large pods are perfectly round, smooth, and attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact, branching growth; very prolific.

PERKINS LONG POD—Very early and productive. Plant grows three feet high. Pods green, very long and slender. A fine variety.

CHOICE GARDEN PEAS

PLANTING DIRECTIONS—One pound to 125 foot row; one acre requires about 100 pounds.

Peas are safe to sow as early as the ground can be worked. They do well in cool weather. Select light, not too rich soil, or they will run to vine too much. Sow double rows, these to be $\frac{1}{2}$ inches apart and $2\frac{1}{2}$ to $3\frac{1}{2}$ ft. between the double rows, and drop the peas every 3 inches and covering $1\frac{1}{2}$ inches. Like the Flowering Sweet Peas, the garden variety will produce better if 6-inch deep furrows are made, covering 1 inch at the time of

sowing and filling in the furrows when the plants are nicely started.

PRICES ON PEAS, All Varieties—Pkt., 5c; $\frac{1}{2}$ lb., 15c; lb., 25c; 5 lb., \$1.00.

ALASKA—A well known pea among canners and truckers for early use. Fine for home gardens; height $2\frac{1}{2}$ ft.; one of the earliest of the round varieties. Pods blunt at the ends. Peas green in color when ripe. A popular early variety.

AMERICAN WONDER—A widely known and prolific variety, bearing well filled pods; matures early. We recommend this pea very highly for the home garden. Height about 12 inches.

GRADUS OR PROSPERITY—A very early wrinkled pea. Pods are very large, being about 14 inches in length, uniformly well shaped, pointed, handsome and more attractive than the first early variety. The peas are large, of splendid quality and light green color, which they retain after cooking.

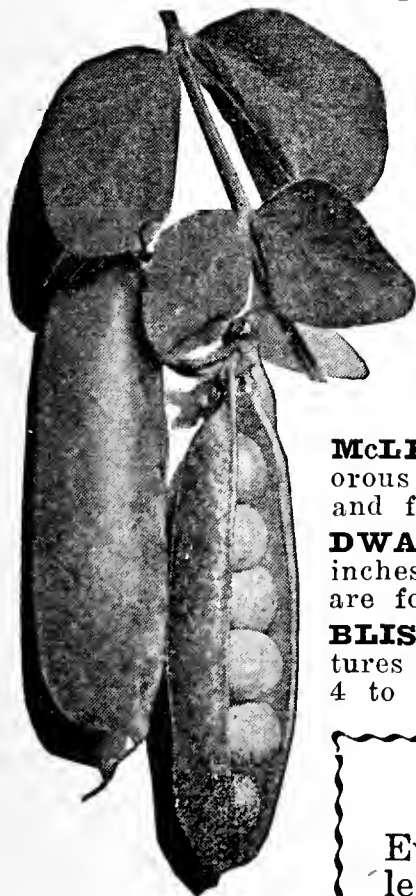
THOMAS LAXTON—This well-known variety is an early wrinkled pea of great merit. Vines have vigorous growth; hardy and productive, and of a dark green color. Pods are large and well filled with peas of excellent quality. One of the best sorts for home or market garden use. Height 4 feet.

TELEPHONE—A leader with market gardeners. Hardy and very productive. Pods often 4 to 5 inches long, well filled with a fine quality of peas; considered a main crop variety and one of the best for either home or market use. Height four feet.

MCLEANS LITTLE GEM—Ready in about 60 days. Vines are strong and vigorous and grow about 24 in. high. Peas are a rich green, wrinkled of medium size and fine flavor.

DWARF GRAY SUGAR—Or an edible pod pea. The peas are light green, 3 inches long pointed and narrow; quite early. The pods are picked when the peas are forming and broken and cooked like string beans.

BLISS EVERBEARING—An old standard, main crop variety. Height 3 ft. Matures following telephone. Pods are in pairs, medium green, 3 in. long containing 4 to 5 green peas of good quality.



Alaska

SPRAY ONIONS WITH EVERGREEN

Evergreen kills thrips on onions; also maggots and cutworms. Evergreen kills both chewing and sucking insects but it is harmless to humans, birds and animals on the farm. Write for prices.

PEPPERS

PLANTING DIRECTIONS

—One oz. to 1,500 plants.

Grow best in garden loam and sunny exposure. Sow in boxes or under glass 6 weeks before planting out. When all danger of frost is past, transplant in rows 2½ ft. apart and 2 ft. between plants. Cultivate often in dry weather.

PRICES ON PEPPERS,

All Varieties—Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20.

PIMENTO OR PERFECT

—This is the sweetest peper grown, as it does not contain the slightest trace of fieryness. The plants are extremely productive, and peppers are medium in size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may be used in preparing salads and for flavoring, in which case it will add a fresh and delightful flavor. The flesh is quite thick and the pepper may be scalded for peeling the skin off. When fully ripe the peppers are of a brilliant red color and very attractive.

BELL OR BULL NOSE—

The plants are vigorous, about two feet high, compact and very productive, ripening their crop uniformly and early. The fruits are large, with thick, mild flesh of excellent quality for use in salads and mangoes or in stuffed pepper. The color is deep green when fruit is young, bright crimson when ripe.

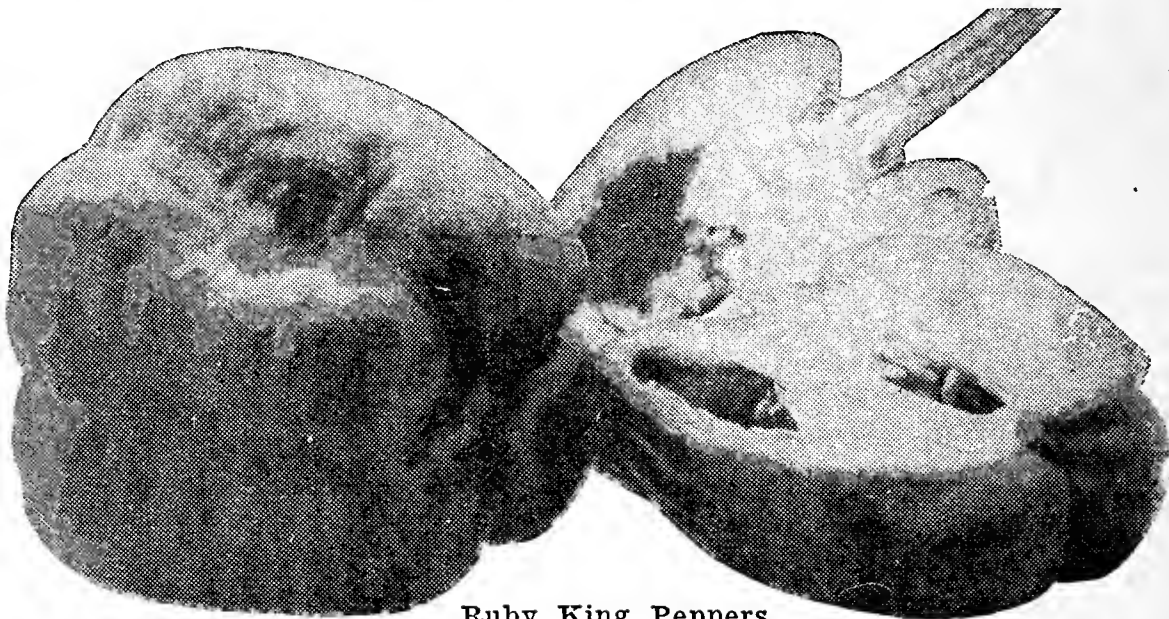
RUBY KING—A large sort, 4½ to 6 inches long, and 3½ to 4 inches thick. Color a ruby red at maturity; excellent quality. Among the best sorts for pickling. Used for stuffing.

LONG RED CAYENNE—

The well known favorite hot pepper, fruits conical-shaped 3 to 4 inches long of bright red color, and are borne in great profusion. Very prolific for so large a pepper. Matures in about 125 days.

CHINESE GIANT—The largest and handsomest mild red pepper. Bushes grow about 2 ft. in height and produce brilliant scarlet red peppers. Flesh is thick and very mild.

GOLDEN QUEEN—The finest yellow pepper grown. Very mild and sweet.



Ruby King Peppers

PEANUTS

It is not generally known that the peanut will grow and produce in the north, but today large farms are devoted to the growing of this profitable crop.

PLANTING DIRECTIONS—15 lbs. per acre.

Plant early in spring in rows 3 feet apart, placing the nuts 8 to 12 in. apart in the row. Cultivate often. If started early, Peanuts can be grown successfully in the central states. Include some in your order as a trial.

PRICES ON PEANUTS—

Lb., 30c; 3 lb., 75c.

VIRGINIA—This is the common large peanut grown in the South. Very profitable variety to grow and easily cultivated; very erect. It has the largest pods and more kernels with fewer imperfect pods than any variety. The vines make valuable forage for stock.



Virginia Peanuts

PUMPKIN

PLANTING DIRECTIONS

—One oz. to 25 hills; 3 to 4 lbs. to acre.

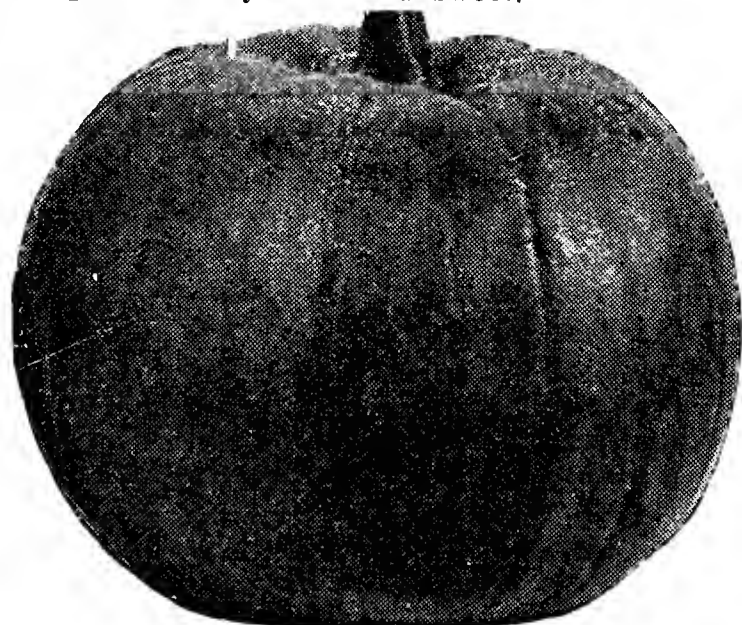
Where corn will grow well, Pumpkins will grow. If planted among corn drop 3 to 4 seeds every second or third hill. If planted alone sow in hills 8 feet apart each way, 8 to 10 seeds to a hill. Thin to the five strongest.

JAPANESE PIE—Fruits are medium size and nearly round, flesh yellow, smooth and covered with fine netting; fine flavor and good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

CUSHAW—A popular crookneck variety with a hard, creamy white shell. An excellent table variety, having much the same quality as the squash. It grows to a good size and is productive. Used for stock feeding also. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

KENTUCKY FIELD—Large, round, flattened fruits, much ribbed and creamy buff in color; flesh yellow and very deep; of fine quality and a good canner. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; 3 lbs., \$1.00.

SMALL SUGAR OR PIE—A handsome and prolific variety of small size; the skin is a deep orange color. Fine grained, sweet and an excellent keeper. One of the finest pie pumpkins. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.



Small Sugar or Pie

Few people realize how delicious fresh vegetables are until they have tasted those from their own garden.

RADISHES

PLANTING DIRECTIONS—1 oz. to 150 ft. row.

Good rich, sandy loam is best. Sow as early as ground can be worked in spring in rows 12 to 18 inches apart and thin to about 2 inches apart. Sow every 10 days for a continuous supply. Winter radishes are sown in August and can be packed in sand for winter use.

PRICES ON RADISHES, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

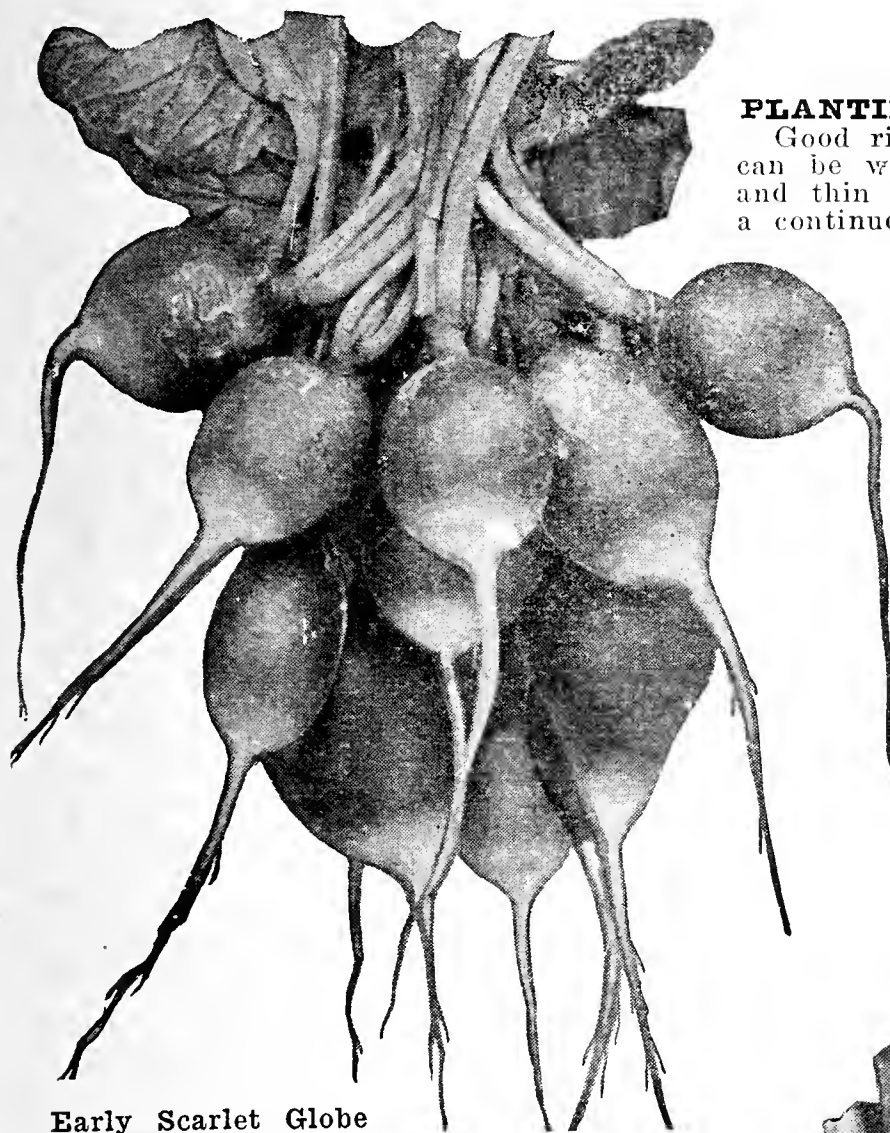
EARLY SCARLET GLOBE—This is a splendid variety for outdoor planting or for hotbed or green house. We consider it the best of the round scarlet sorts. Matures very early with a small growth of tops; solid, very uniform in shape, color bright scarlet. Crisp and tender.

WHITE STRASBURG—Roots grow to 6 inches long; flesh is white, mild, crisp. One of the best varieties for midsummer.

SCARLET TURNIP WHITE TIPPED—A favorite with market gardeners for outdoor planting, also for home garden; matures very early; turnip shaped; scarlet in color, with distinct white tip.

ICICLE—A fine white radish about 5 inches in length and quite slender. This is one of the very best of the summer radishes. Skin is smooth and thin.

FRENCH BREAKFAST—A quick-growing, olive-shaped radish, about $1\frac{1}{2}$ inches long. Color a beautiful deep rose scarlet, except for a little clear white at the blunt end. Fine for home garden use.



Early Scarlet Globe

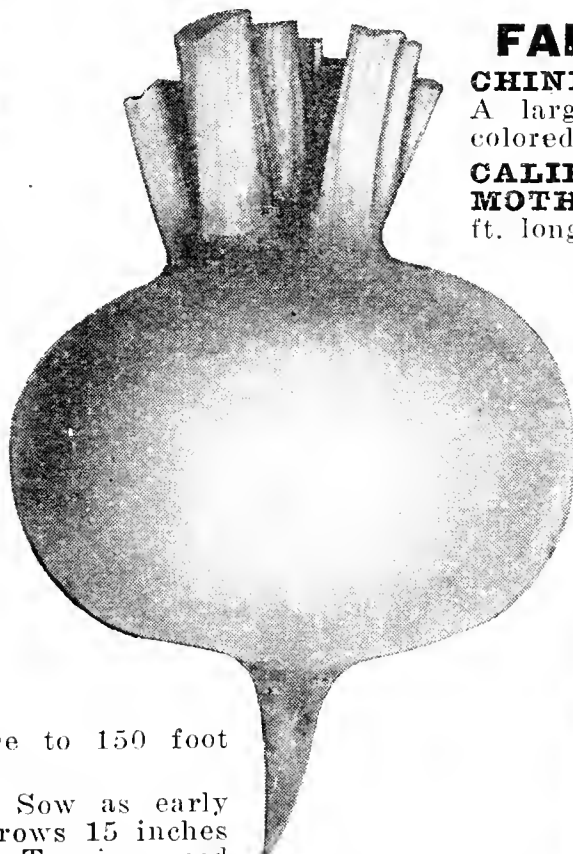
PARSNIPS

PLANTING DIRECTIONS—1 oz. to 100 ft. row; 3 lbs. to acre.

Requires a deep, rich, sandy soil. Sow early in spring in rows $1\frac{1}{2}$ to 2 feet apart and thin to 6 inches apart in the row. Cover seeds three-fourths inch. Seeds germinate slow. Parsnips are hardy and can be kept outside all winter.

PRICES ON PARSNIPS—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

HOLLOW CROWN—An excellent variety. The roots are long, smooth, with a deep hollow crown, tender and sweet; a heavy yielder; cooks evenly to the center which is tender and soft like the outside portions.



TURNIPS

PLANTING DIRECTIONS—One ounce to 150 foot row; one pound to an acre.

Turnips do well in a rich, sandy soil. Sow as early as the ground can be worked in spring in rows 15 inches apart and thin to 6 to 8 inches in row. Turnips need plenty of moisture and can be planted every two weeks or so up to late in August.

PRICES ON TURNIPS, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

PURPLE TOP WHITE GLOBE—Popular in shape; good size and very attractive in appearance. The roots are reddish purple above the ground and white below. The flesh is white, fine grained and tender. One of the best for home and market. A fine keeper.

PURPLE TOP STRAP LEAF—A popular variety for table use. Roots are flat, of medium size. Purple or dark red above ground, and white below. Delicious flavor.

SEVEN TOP—Cultivated for the tops which are excellent for greens. Hardy and will grow all winter.

RUTABAGA

IMPROVED PURPLE TOP—Smooth, large, globular roots with a purple top and deep yellow in lower half. Flesh is fine grained and very sweet. Keeps well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

PARSLEY

MOSS CURLED—Leaves finely cut and curled. Beautiful deep green color. Resembles bunches of moss. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

FALL OR WINTER

CHINESE ROSE WINTER—A large popular favorite. Rose colored skin.

CALIFORNIA WHITE MAMMOTH—Pure white, about 1 ft. long and 2 or 3 inches thick. Flesh is of fine quality; crisp and tender. Keeps well thru the winter.

On early orders amounting to \$1.00 or more we will include an extra packet of seeds for you.



Hollow Crown Parsnips



SQUASH

PLANTING DIRECTIONS—1 oz. for 50c hills. About 4 pounds to an acre.

Squash does best in a good, rich soil. Sow in hills 4 to 5 feet apart for summer squash. Sow 8 to 10 seeds in a hill, thinning to the five strongest plants. Winter varieties need 6 to 8 feet between hills.

PRICES ON SQUASH, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

WHITE BUSH—An early round, flat squash; color clear white; handsomely scalloped; sometimes called "Patty Pan". Is one of the best early summer squashes.

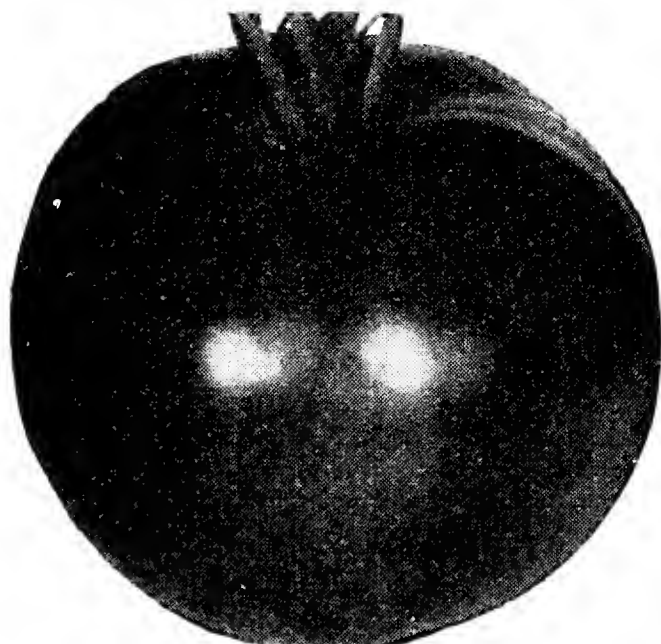
SUMMER CROOKNECK—A well-known summer variety. It has a warted shell of bright yellow; excellent quality.

HUBBARD—An old favorite; shell a very dark green, smooth and exceedingly hard. Flesh deep orange color and very thick; splendid for baking or pies.

SPINACH

PLANTING DIRECTIONS—1 oz. to 100 ft. row; 10 to 12 lbs. per acre.

Requires a very rich, loose, moist soil. Spade or plow under well rotted manure should be 12 to 18 inches apart and thin in the fall. For spring culture the rows to about six inches between plants. Spinach can be sown in the fall for early spring use. Cover seed-bed with straw, leaves etc.



Dwarf Stone



Salsify

to 3x3 inches each way. Transplanting will make an abundance of fibrous roots and also stocky plants. Plant outdoors when all danger of frost is past in rows 4 ft. apart and 3 ft. apart in row. Sunny exposure and fairly rich soil is best. Trim off part of foliage to expose tomatoes to the sun.

MARLIANA—This is the earliest smooth bright red tomato of good size now in cultivation—nearly equal in size and quality to the best later varieties. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

PONDEROSA—Vines are of strong growth, producing large clusters of fruit. Seed cells are small. Color a dark red somewhat purple. Thick solid flesh. Fine for slicing. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

STONE—Skin is bright scarlet, perfectly smooth, and strong enough to stand shipping. The Stone is now recognized by all as the greatest canning tomato. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

BONNY BEST—A very early sort. Attractive in shape and color. Flesh is very solid. Vines are very vigorous and productive. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

BEEFSTEAK—Very popular. Dark red skin. Flesh is very solid. Seed cells are few and very small. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

PRICES ON SPINACH, All Varieties—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

NEW ZEALAND—This is a plant of a different genus; entirely distinct from the common Spinach. It grows 4 to 5 feet high, thrives during the hot weather; can be cut nearly all summer. New leaves will grow where others are cut off if you preserve the main shoot, and will continue in long bearing, surviving pretty heavy frost. May be sown early in April. The plants should be about 20 in. apart.

BLOOMSDALE—Earliest. Leaves are narrow, pointed and crinkled.

SALSIFY OR VEGETABLE OYSTER

PLANTING DIRECTIONS—1 oz. to 100 ft. of row; 8 pounds to the acre. Requires a long season and a rich deep soil. Sow in rows 2 $\frac{1}{2}$ ft. apart and thin to 6 inches between plants in row, cover seeds three-fourths inch deep. Will stand severe weather without injury.

MAMMOTH SANDWICH ISLAND—This variety is large and strong, growing with long smooth, white tapering roots and is less liable to branch than other sorts. Fine for the home garden. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

TOMATOES

PLANTING DIRECTIONS—1 oz. for about 2,000 plants.

Sow inside in boxes or in hotbed where the temperature is about 65 degrees. Transplant when 3 inches high

FLOWERS *for* EVERYBODY

Blame no one but yourself if the next spring and summer find you without a very representative display of beautiful flowers. Send that order today.

General Cultural Directions

The well known annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtiums, etc., sow where they are intended to flower, either in lines or beds, covering not over four times their size, and firming the soil over them. For those which should be started indoors, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in boxes, covering about one-eighth of an inch and pressing firmly; covering with a pane of glass and keep in a temperature between 60 and 70 degrees. Water carefully as needed. Transplant into boxes, an inch apart each way, or put into small pots until time to plant out. They should have an abundance of air.

AGERATUM—A beautiful, bushy, little annual, bearing clusters of blue and white feathery flowers from early summer until frost. Pkt. 5c.

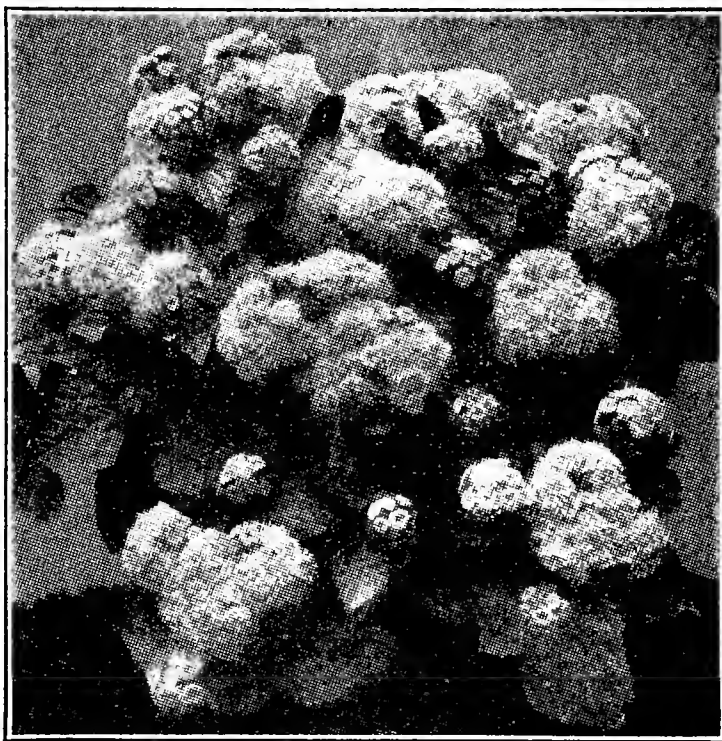
ALYSSUM (sweet)—A low growing, spreading annual, covered with a mass of pure white, pretty little honey-scented flowers. Seed may be sown early. This variety grows about 1 ft. tall, and spreads about 1½ ft. Pkt. 5c.

AMARANTHUS (Joseph's Coat)—Beautiful foliage plants growing from 3 to 5 ft. high. Leaves are variegated in red, yellow and green. Pkt. 5c.

BALLOON VINE—A dainty, rapidly growing vine. Seed pods look like miniature balloons. Light green with delicate foliage. Pkt. 5c.

BALSAM (Lady Slipper)—A fine old favorite that is very attractive when sown along the edge of the garden. Flowers are double and brilliant and borne on short stems in axils of leaves. Bloom from July until frost. Mixed. Pkt. 10c.

BURNING BUSH—See Kochia.



Ageratum

CALLIOPSIS—One of the finest of the midsummer annuals and very easy to raise. The showy, yellow and brown flowers bloom freely all summer. Time for cutting is morning. Tall, grows 2½ ft. Pkt. 5c.

CANDYTUFT—Beautiful annuals which bear profusely large spikes of flowers 12 inches high. May be sown in April and will bloom from July to Sept. Finest mixed. Pkt. 5c.

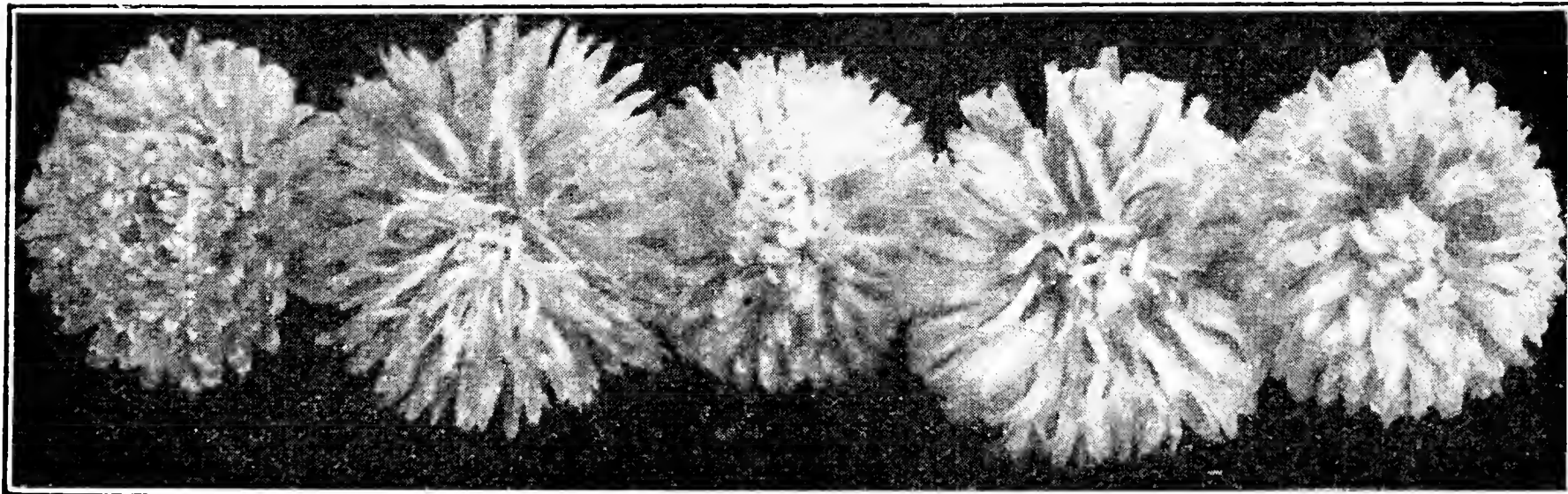
ASTERS

JANSEN'S SUPERB COLLECTION—The very finest mixture of Giant Flowered Asters, carefully selected for richness of color, blossoming period and uniformity of stem. Fine for cutting. Pkt. 10c.

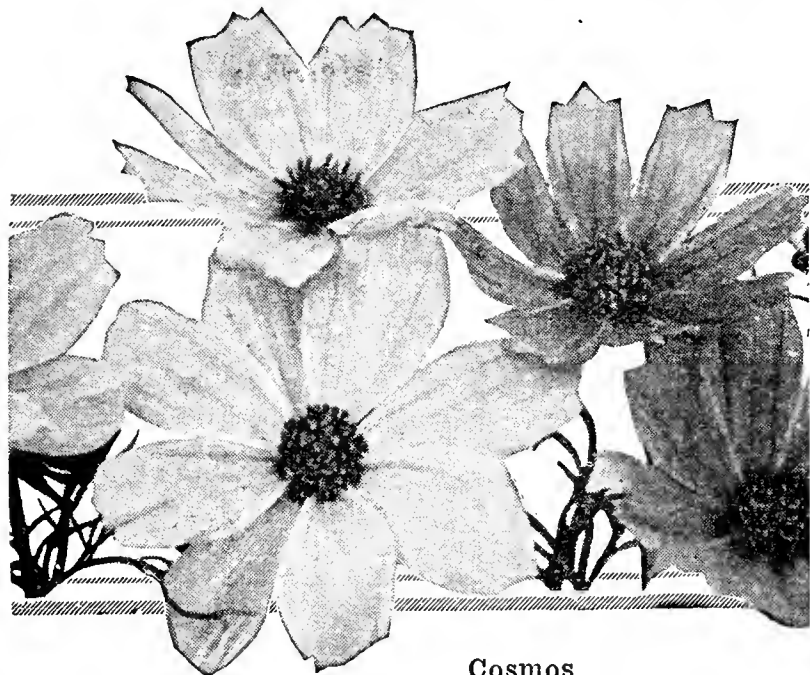
GIANT COMET—Grows like a Chrysanthemum. It grows about 2 ft. high and blooms very early. Finest mixed. Pkt. 5c.

AMERICAN BEAUTY—A late flowering strain coming into bloom about September. One of the most beautiful Asters of recent introduction. Of very vigorous habit, producing large, perfectly-formed, double flowers on long stems. Pkt. 10c.

JANSEN'S GIANT FLOWERED—Tall with immense, very gorgeous double flowers. State choice of deep pink, lavender, white. Pkt. 10c.



Assorted Asters



Cosmos

CALENDULA (Pot Marigold)—Well known free flowering annuals that make a bright spot in any garden and are lovely for cutting. 10 to 12 inches high. Of easiest culture. Double mixed. Pkt. 5c.

CANTERBURY BELLS — Large bell-shaped flowers borne in profusion on plants 2 to 4 ft. high. A biennial which blooms the second season. If seed is started indoors very early plants will blossom first season. Pkt. 5c.

CANNA—Cannas are usually started from roots or potted plants, but may be grown from seed at much reduced prices. Plant indoors very early. Pkt. 5c.

CARNATION, DOUBLE MIXED—Large lovely, fragrant. All colors. Many variegated flowers. Easily grown and a favorite with all. Pkt. 10c.

CARDINAL CLIMBER—A strong and rapid grower. Flowers are a fiery red. 1 in. in diameter, and are borne in clusters from mid-summer until frost. Foliage is fern-like. Climbs 25 ft. in a season. Sow about May 1st in a sunny location. Pkt. 10c.

CHRYSANTHEMUM (annual) — Long, stiff-stemmed, double flowers in many colors and color combinations. Flowers appear in 10 weeks. 18 in. high. Sow early in the spring. Pkt. 10c.

CLARKIA—Very beautiful, little plants and extremely easy to grow. Bloom in 5 to 6 weeks from planting. Flowers are very bright and are produced in many colors and shades. Pkt. 10c.

CANARY BIRD VINE—A dainty vine with beautiful cut leaves and delicate flowers of a clear yellow, somewhat resembling a canary with expanded wings. Pkt. 5c.

CASTOR OIL BEAN (Ricinus)—A large very ornamental plant with broad palm-like leaves. Grows 6 to 10 ft. high. Said to be useful in eradicating moles. Pkt. 5c.

CHINESE WOOLFLOWER — Large, stately plants (2 to 3 ft.) Each stalk ends in a rich ball of scarlet wool. None of the blooms fade until touched by frost. Pkt. 5c.

CENTAUREA (Bachelors Button) (Corn Flower)—Of easiest culture. Sow as early as ground can be worked. Grows about 2 ft. high and produces very showy double flowers. Finest Mixed. Pkt. 10c.

CLEOME (Giant Spider Plant)—A tall show garden annual producing curious heads of flowers of bright rose color, of easy cultivation, blooms until late. Is also a good bee plant. Pkt., 10c.

COLUMBINE—A fine old fashioned perennial, easily grows from seed. Much prized for the graceful spurred flowers borne on stems 2 ft. long. Seed sown early will in some cases bloom first year, or if planted in August or September will come up early in the spring and bloom throughout summer and fall. Pkt. 10c.

COREOPSIS (Tick Seed)—Perennial. One of the most popular hardy plants and very easily grown.

The flowers are a rich golden yellow and are borne on long graceful stems. Plants are about 2 ft. high. Bloom constantly from July to frost. Pkt. 10c.

COSMOS, GIANT MIXED — Large bushes of fine, feathery foliage producing a wealth of beautiful, single flowers on long stems—many colors and shades. Grows anywhere; very easy to raise. Pkt. 5c.

COXCOMB—A very lovely, easily grown annual. Plants grow about 1 ft. high and bear large flowers like a cock's comb in brilliant and attractive colors. Pkt. 10c.

CYPRESS VINE—Very desirable for a small trellis or wire support. The dark green foliage is fine cut and serves as a back ground for a profusion of scarlet and white star-shaped blossoms. Pkt. 5c.

DAHLIA—Easily grown from seed. Will bloom first year. Start indoors in shallow boxes in March and set plants out when weather is warm. Many varieties, shades and colors in each packet. State whether you wish single or double. Pkt. 10c.

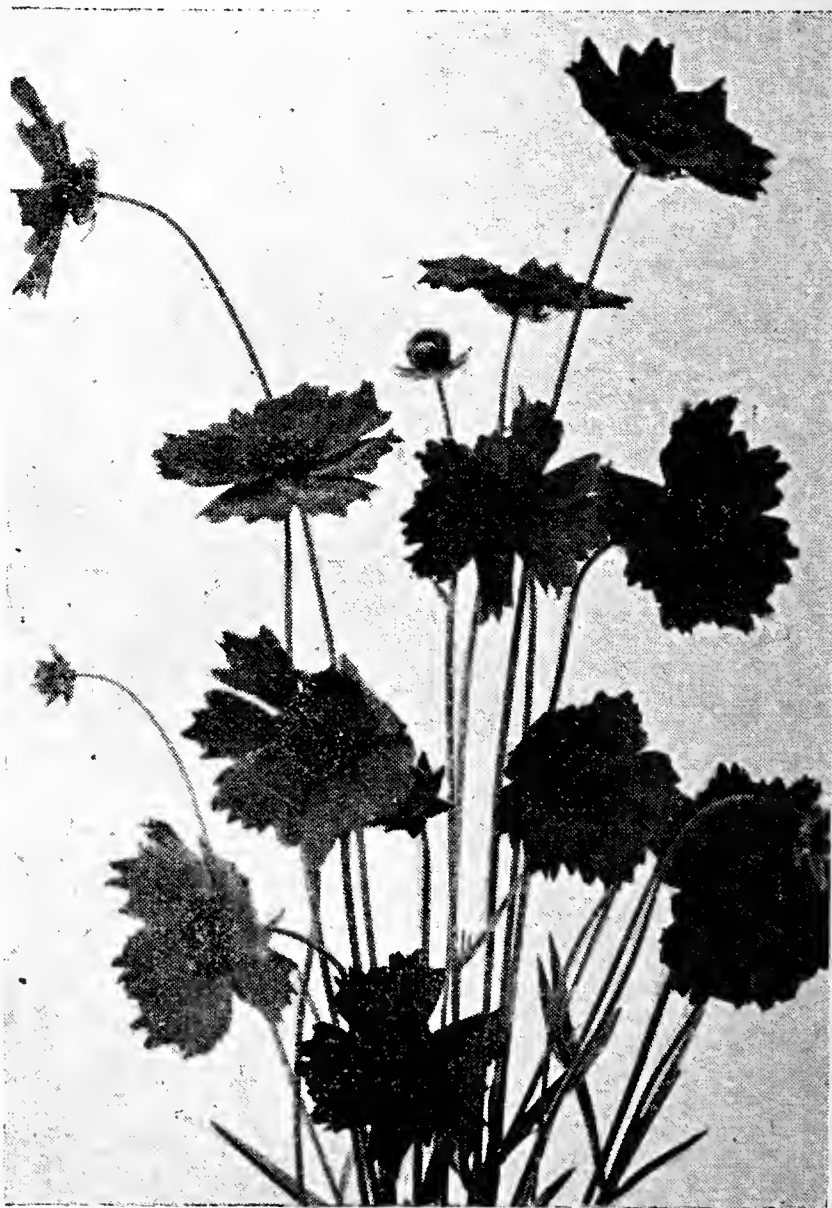
DATURA (Angel's Trumpet)—Grows 3 ft. high. Large trumpet-shaped, white and yellow flowers measuring 8 to 10 inches long and 6 to 7 inches across. Each flower is composed of three trumpets, one within the other. Pkt. 10c.

DAISY (Shasta)—Hardy perennial, producing flowers of a pure white, often measuring 5 inches across. Long stemmed. Excellent as a cut flower. They make a showy hedge as they are covered with flowers from early fall until hard frost. Pkt. 5c.

DIGITALIS (See Foxglove).

DIANTHUS OR PINKS—Very easy to grow and loved by everybody. Finest mixed double. Pkt. 10c.

DOLICHOS (Hyacinth Bean)—Climbs quickly to a height of 10 ft. Broad leaves make excellent shade on porch. Flowers freely in erect racemes followed by ornamental seed pods. Sweet scented. Pkt. 5c.



Calliopsis

EVERLASTINGS (Mixed)—Old fashioned annuals that produce handsome blooms that can be dried and kept for winter bouquets. There are several kinds of Everlastings under as many different names. All of them are present in Jansen's fancy mixed package. Pkt. 10c.

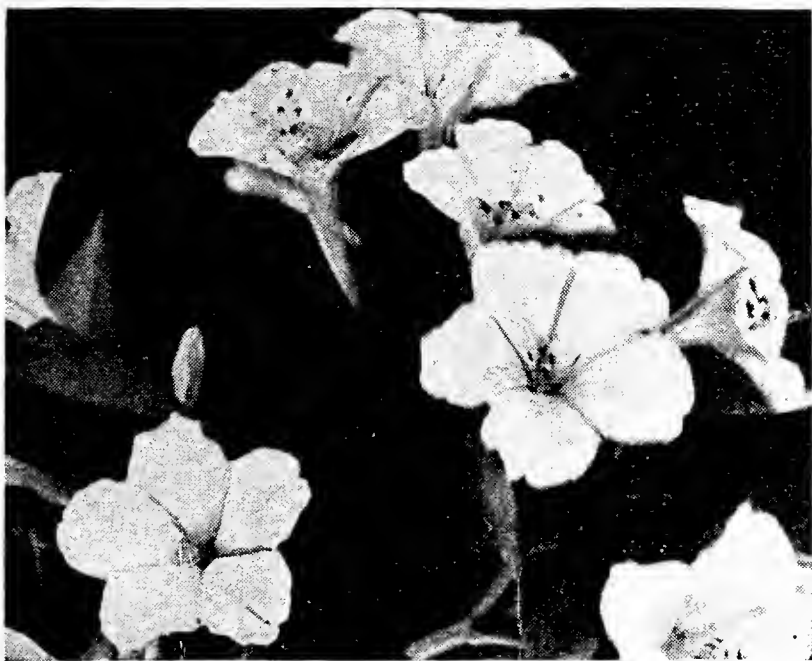
EUPHORBIA (Mexican Fire Plant)—Annual poinsetta resembling in habit and color the beautiful hot house poinsetta. About mid-summer the center top leaves of each branch turn a vivid orange-scarlet. Pkt. 10c.

ESCHOLTZIA (California Poppy)—State flower of California. Quick growing, spreading annual with bluish-green finely cut foliage and bright poppy-like flowers. Height 9 to 12 inches. Very effective in beds and borders. Our mixture contains both single and double varieties and all colors. Pkt. 10c.

FEVERFEW (Matricia)—Small double white flowers. Foliage deep green and finely cut. Plants grow about 1 ft. high, branch freely and each stem is covered with a cluster of flowers. Pkt. 5c.

FOXGLOVE (Digitalis)—Beautiful tall spikes of bell-shaped flowers. Grows 4 ft. high. Perennial. Our fine collection includes all the favorite colors. Pkt. 5c.

FOUR O'CLOCKS (Marvel of Peru)—A very pretty old fashioned bush flower, covered with hundreds of blossoms which open in late afternoon. Our fine collection includes white, rose, violet, yellow and variegated colors. Pkt. 5c.



Four O'Clocks

FORGET-ME-NOT (Myosotis)—Dainty little light blue flowers standing out sharply from the rich green foliage. Bloom freely in summer and fall, and do best in shady moist places. An easily grown perennial. Pkt. 5c.

GAILLARDIA (Blanket Flower)—Annual. Sow early in the spring. Beautiful double brilliant flowers, red and yellow predominating. 1½ ft. high. Pkt., 5c.

GRASSES, ORNAMENTAL—The annual variety should be sown outdoors during April where they are intended to flower, or for earlier work sow under glass and plant out. The perennial varieties are best sown during the summer, and planted out in borders in spring. The flower heads should be cut in a young stage and hung upside down to dry, as they are then more lasting for decorative purposes. Pkt. 10c.

GODETIA—A very attractive, hardy annual that does best in a rather poor soil. Plants grow 1½ ft. high and bear showy, satiny flowers in rich colors. Our choice mixture includes white, blood-red, rose, pink, etc. Pkt. 5c.

GOURDS—Oh, the fun of making a gourd dipper or calabash pipe. Be sure to plant a lot of gourds along the back fence. Many curious and interesting varieties in each packet. Pkt. 5c.



Shasta Daisy

GYPSOPHILA (Baby's Breath)—A quick growing dainty plant, covered with myriads of small white star-shaped flowers borne on tiny stems. 10 to 15 inches high. Pkt. 10c.

HELIOTROPE—Finest mammoth mixed. Flower heads are of great size and very fragrant. The colors range from pure white to lilac and blue. Start seeds very early indoors and secure bloom throughout the summer. Pkt. 5c.

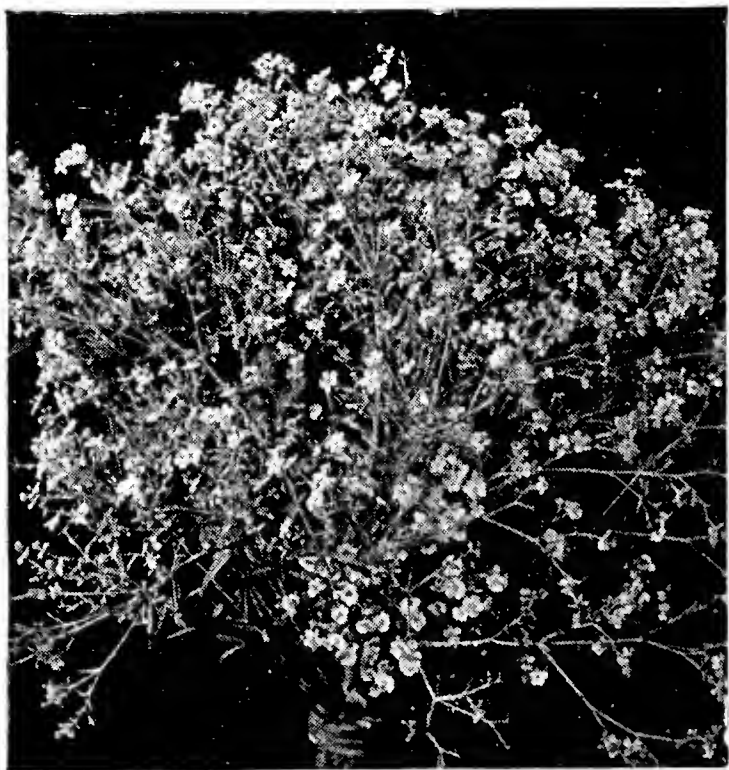
HOLLYHOCKS—Everblooming. Single Mixed. Pkt. 5c; Double Mixed. Pkt., 10c.

JOB'S TEARS—The hard pearl like seeds of this ornamental grass makes beautiful beads. Pkt., 5c.

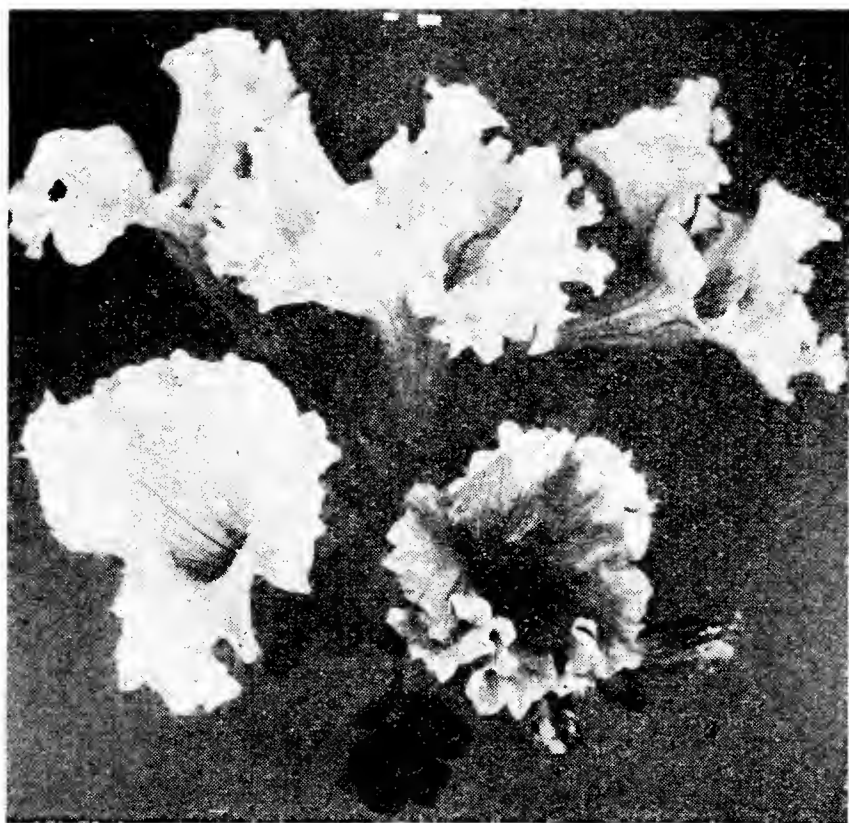
KOCHIA, BURNING BUSH—A beautiful annual bush with dense finely cut foliage, light green in summer, but red in the fall. May be grown and trimmed as a hedge or as single plants. Pkt. 5c.

KUDZU (Jack-in-the-Beanstalk Vine)—Starts slowly and then grows like wildfire, as much as 50 ft. in a season. The beautiful broad leaves make a dense shade. Pkt. 10c.

LARKSPUR—A quick growing annual which produces stiff, erect spikes of lovely flowers throughout the summer. Plants large and showy and look well in beds or among shrubbery. Mixture contains blue, white, violet, rose, etc. Pkt. 10c.



Gypsophila



Petunia

LOBELIA—Pretty little plants, fairly covered with bloom during the season. May be planted early and they grow and bloom quickly. Our superb mixture contains pink, white, and blue varieties. Pkt. 10c.

MARIGOLD—

Tall African—This variety produces flowers twice the size of the dwarf French variety. Beautiful golden double flowers set off by a rich green foliage. Pkt. 10c.

Dwarf French—Small bushes filled with small but very beautiful double flowers. Pkt. 10c.

MIGNONETTE—Our choice mixed collection contains the best varieties of these dainty spike flowers. Pkt. 5c.

MORNING GLORY—Climbs rapidly to a height of 10 to 15 ft. Wonderful for shade over back porches, or for planting along a fence or out buildings. Blooms profusely. Choice mixed. Pkt. 5c.

NASTURTIUMS—Very lovely in large or small beds. Nasturtiums are of easiest culture, thrive best in light soil and bloom continuously from early summer until frost time. The tall Nasturtiums produce the largest flowers and are much

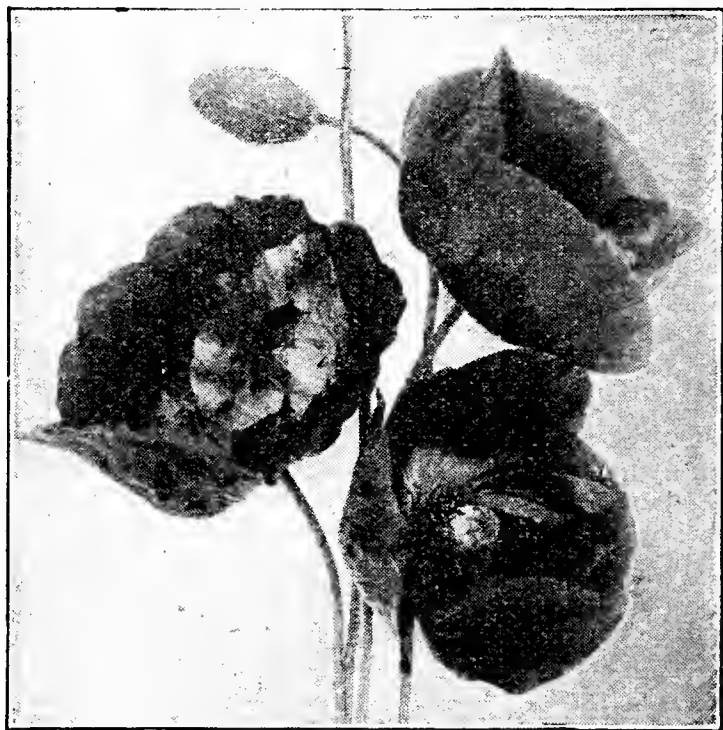
used for covering unsightly fences, railings, etc., and also for porch boxes. The dwarf varieties grow about 1 ft. high and make lovely beds. Tall giant flowering mixed. Pkt. 5c. Dwarf or bush type. Pkt. 5c.

NICOTIANA (Sweet Scented Tobacco)—A very effective plant and easy to grow. Plants are about 2 ft. high and are covered with hundreds of pure white, exquisitely scented blossoms. Do not plant until danger of frost is over. Pkt. 5c.

PANSIES—Jansen's giant flowering prize Pansy. Mixture contains all colors, and produces blossoms 3 in. in diameter. If early Pansies are desired start seed indoors early in the spring. Seed sown in the open will produce flowers in the fall. Pkt. 10c.

PETUNIA—Hardy bedding plant producing flowers of brilliant colors which come into bloom in June and continue to blossom until frost. As the seeds are very small, sow them on the surface and press down with a board, then cover lightly with sand or fine soil. Single mixed. Pkt. 10c.

NEW PETUNIA (Monster Frilled)—These flowers cannot be compared with the ordinary bedding varieties. Most of the flowers are beautifully veined and show immense wide throats of white, primrose and other light colors. Nearly all of the flowers are ruffled or fringed and measure from 4 to 5 inches across. Pkt. 50c.



Poppy

PHLOX DRUMMONDI—Nothing is easier to grow and nothing produces such wealth of rich color as Phlox. Sow as soon as danger of frost is over and be rewarded with rich masses of bloom. Finest mixed. Pkt. 5c.

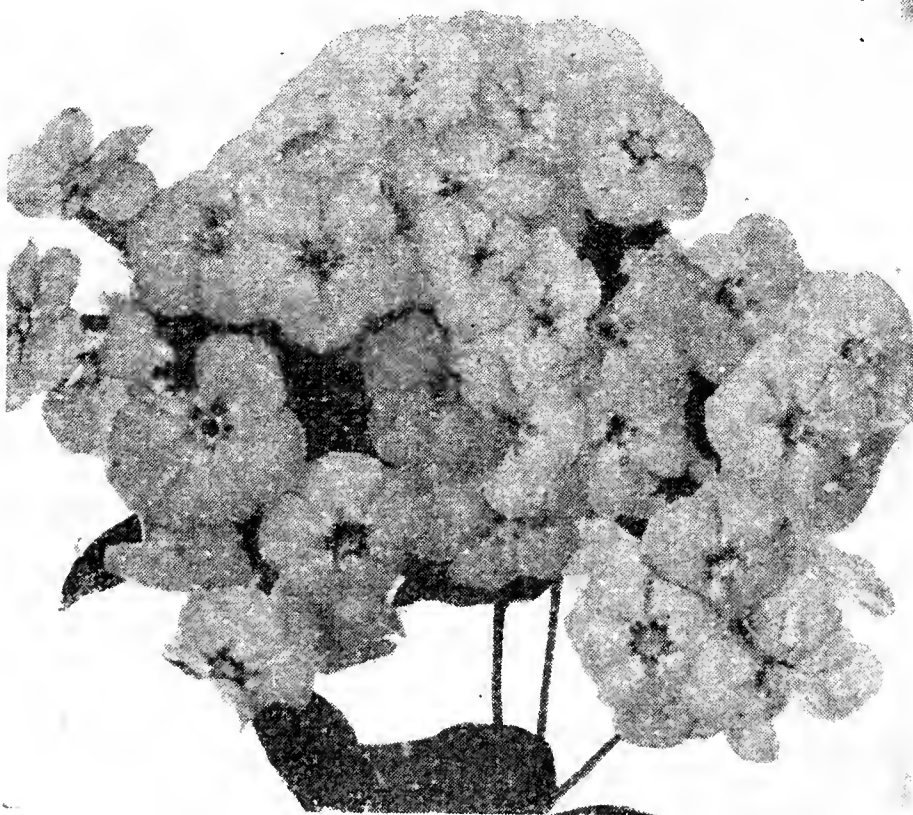
POPPY—Well known plants which will endure considerable hardships and thrive on sandy soil. Mixed colors.

Oriental Giant—Flowers are on long stalks of an immense size with bright fiery red flower, with a dark center. You cannot imagine a plant more showy than this one. Hardy perennial. Pkt. 5c.

Iceland, Hardy Oriental—Mixed flowers of a medium size and very delicate texture. Very early. Grows 12 to 15 inches high. Pkt. 5c.

Shirley—Delicate colors in great variety. Flowers finely crimped and of soft silky texture. Pkt. 5c.

PYRETHRUM (Painted Daisy)—A superb perennial, so easy to grow, so hardy, so beautiful that everybody should grow it. Grows about 1½ ft. high and flowers in June and again in August, and September. The beautiful white flesh and rose colored flowers are borne on long stiff stems and are ideal for cutting. Pkt. 10c.



Phlox Drummondii

PORTULACA (Rose Moss)—A beautiful, low spreading plant which quickly produces a carpet of pretty bright red, yellow, pink, and white flowers. Blooms profusely in hot dry weather. Pkt. 10c.

RUDBECKIA (Cone Flower)—Strong, growing plant, flowering all summer, good for cutting. Pkt. 10c.

RICINUS—See Castor Oil Bean.

SALPIGLOSSIS (Painted Tongue)—Blossoms are tube-shaped and much like petunias, but far richer. Every flower is daintily veined in gold. If you are not familiar with this wonderful plant, by all means try it this year. All colors in Jansen's mixed packet. Pkt. 10c.

SALVIA (Scarlet Sage)—An extremely handsome bushy plant growing over 2 ft. high and covered with rich scarlet spikes. The dark green foliage makes a handsome contrast. Sow seed indoors early in March. Pkt. 10c.

SCABIOSA (Mourning Bride)—Sometimes called pin cushion plant because of the similarity of the compact flowers to a fancy pin cushion. Grows 2½ ft. high and will bloom throughout the summer. All colors included in our mixed packet. Pkt. 10c.

SNAPDRAGON (Antirrhinum)—Large very fragrant flowers borne on long spikes. Few plants can equal their beauty. Very easily grown. Attain full height and are a mass of bloom during July and August. Finest mixed. Pkt. 5c.

STOCKS—The beautiful double flowers are borne on long stiff stalks like small rosettes. Plant seed out of doors when ground is fully warm, or better still start plants early in the house. Our mixed packet contains all shades of red, blue, yellow and white. Pkt. 10c.

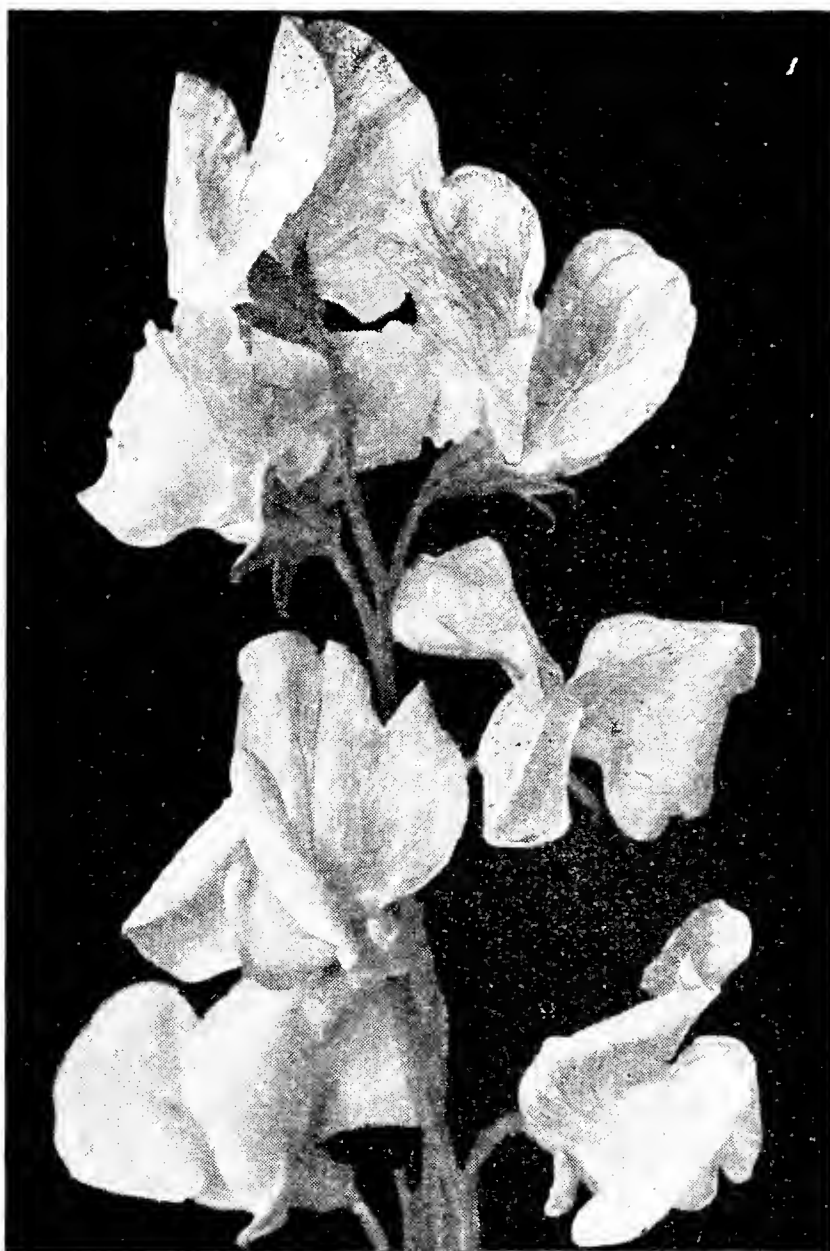
SCHIZANTHUS (Butterfly Flower)—A very dainty annual. The fern-like foliage is overlaid with a mass of small bright flowers, all variegated and of many colors. Grows in a few weeks. Pkt. 10c.

SUNFLOWERS—

Single—Immense blossoms. The good old fashioned sort. Pkt. 5c.

Double—Fully double. Huge flowers resembling giant Chrysanthemums. Pkt. 10c.

SWEET PEAS—Sow early, the latter part of March or first week in April preferred. The ground



Sweet Peas

must be dug deeply. Some well-rotted manure mixed in with the soil will increase the size of the flowers. Make a trench 8 in. deep in which sow the seed and cover 2 in. As the plants continue to grow, gradually fill in the trench with the rich soil. Thin out to 4 in. apart and stretch a wire netting the length of the row for support. For continuous bloom keep the flowers cut and cultivate often. In dry weather, water thoroughly.

Spencer or Orchid Flowered Type—Are universally acknowledged to be far superior. Finest mixed. Pkt. 10c; oz., 20c; ¼ lb., 60c.

Grandiflora Sweet Peas—Not quite as large as the Spencer type but much cheaper. More than 20 varieties in our choice mixture. Pkt. 5c; oz., 15c; ¼ lb., 40c.

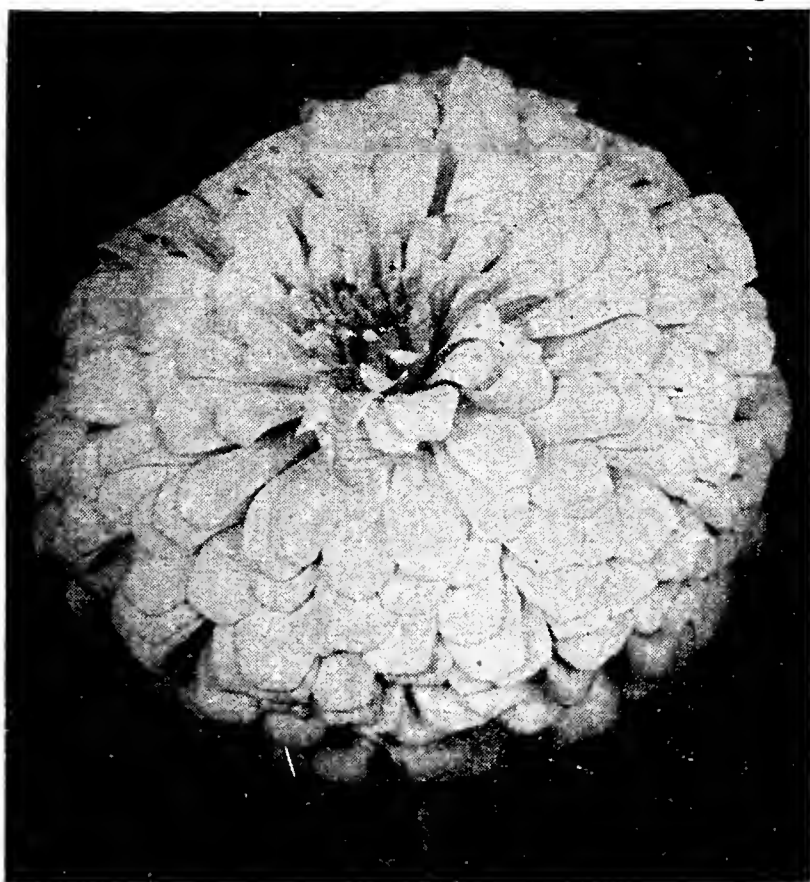
SWEET WILLIAM—A fine old fashioned easily grown perennial. Every color is present in our mixture of double varieties. Pkt. 10c.

THUNBERGIA (Black Eyed Susan)—A lovely trailing plant which forms a dense mass of flowers and foliage. All shades of yellow flowers with black eyes or centers. Unexcelled for porch boxes. Pkt. 5c.

VERBENA—The beautiful flower clusters look well everywhere in the garden, in borders in porch boxes. Finest mixed. Pkt. 10c.

ZINNIA—No flower has undergone so remarkable an improvement as the old fashioned Zinnia. Jansen's Gorgeous Giant Zinnias are among the most beautiful flowers in the garden. As flowers mature the colors become richer and richer. If you can plant but one flower, plant Zinnias. Grows without any care and flourishes in hot dry weather. Finest mixed. Pkt. 10c.

LILLIPUTIAN ZINNIA—Blooms profusely with small flowers about 1 in. in diameter. A valuable addition to the flower garden. Finest mixed. Pkt. 10c.

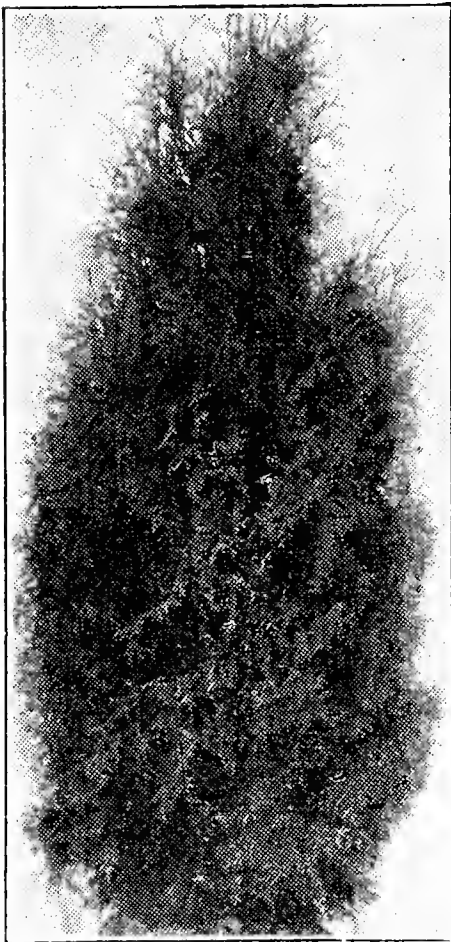


Zinnia

EVERGREENS

CAUTION—Do not buy cheap evergreens. Do not let the sun or wind strike the roots of evergreens even for a few minutes; you will kill them if you do. Every conifer offered in this catalog, unless otherwise stated, is taken from the field with the roots securely closed in a ball of earth and this bound on with a piece of burlap. The roots are never exposed. When you receive the plants, have hole ready, remove burlap (but not dirt), plant immediately, water thoroughly, but do not apply over foliage. Balling is not necessary with 4 yr. evergreens which will be packed in moss and sent parcel post.

SPECIAL OFFER ON FOUR-YEAR EVERGREENS



American Arbor Vitae

BARGAIN OFFER NO. 1

- 1 Colorado Blue Spruce
8-12 in. XX each50c
 - 1 Austrian Pine
9-12 in. XX, each50c
 - 1 Mugho Pine,
8-12 in. XX, each50c
- THREE FOR 98c.

BARGAIN OFFER NO. 2

- 1 Concolor Fir, 8-12 in. XX, each50c
 - 1 Pyramidal Arbor Vitae, 9-12 in. XX, each50c
 - 1 Savin Juniper, 9-12 in. XX, each50c
- THREE FOR 98c.

Send us five names and addresses of friends interested in evergreens and we will send you both collections for \$1.59, postpaid.

AMERICAN ARBOR VITAE—One of the finest evergreens for hedges. It grows rapidly and soon forms a most beautiful hedge. Deep green foliage. 12-18 in. 50c; 18-24 in. 75c.

PYRAMIDALIS ARBOR VITAE—Resembles Irish Juniper in form. Foliage a deep green; perfectly hardy. Should have a place in every collection. 12-18 in. 75c.

GLOBE ARBOR VITAE—Dense, low, globe shape. A beautiful Evergreen. 12-15 in. \$1.00.

IRISH JUNIPER—Of slender columnar habit with glaucous green foliage. 18-24 in. \$1.00.

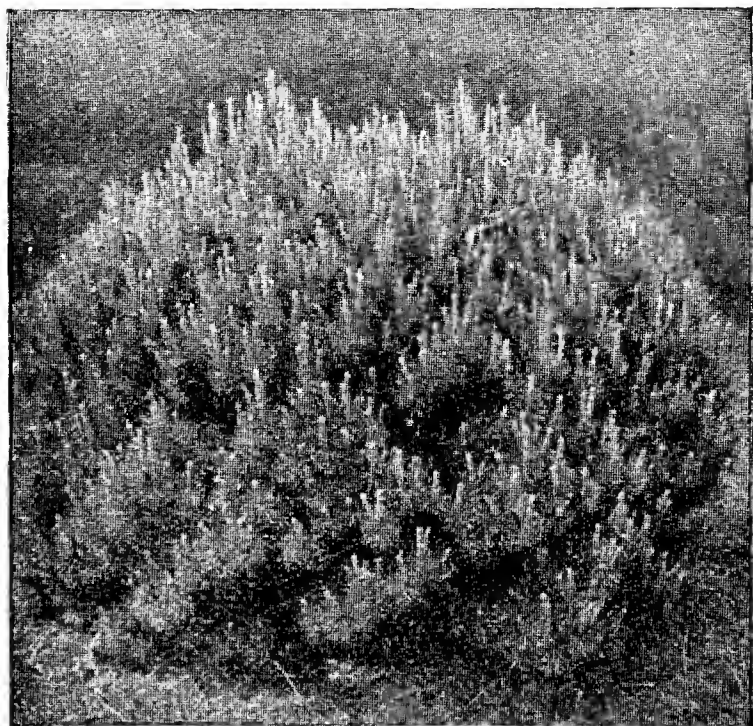


Irish Juniper

SAVIN JUNIPER—Suitable for hillside planting or among rocks. Useful for all low planting. Foliage deep green. 12-18 in. \$1.00.

NORWAY SPRUCE—Very popular. One of the best Evergreens for windbreaks. 12-18 in. 75c.

MUGHO PINE—Excellent dwarf Pine, being globe shaped and erect branching. 15-18 in. \$2.50.



Mugho Pine

TULIPS AND OTHER FALL PLANTS

Every fall we issue a list of Tulips, Iris, Peonies and other plants suitable for fall planting. If you wish this list indicate on the order blank or drop us a line anytime for it.

Iris and Peonies are listed in this catalogue as we sell both of these varieties in the spring as well as in the fall but Tulips, the pleasing harbingers of spring, and other Dutch Bulbs are planted in the fall only.

Our Tulips include Single Early varieties, Double Tulips, Darwin Tulips, Crocus, etc., and are priced a little different each season.

The price of Tulips have averaged about \$3.00 per hundred the past few seasons. These bulbs come from Holland and as it takes considerable time to get them, we would appreciate ordering early so we can take care of your needs.

SHADE TREES for Lawn and Roadside

SILVER MAPLE—Valuable for producing a quick shade. Very hardy. Excellent for street planting. 5-6 ft. 50c.

LOMBARDY POPLAR—Well known for its erect, rapid growth. Very desirable in large grounds. 5-6 ft. 75c.

NORWAY MAPLE—A large handsome tree with broad, deep green, shining foliage. 6-8 ft. \$2.25.

UMBRELLA TREE—Umbrella like head only 3 or 4 feet high and twice as broad. 3 yr. \$1.50.

WEeping WILLOW—The well-known common Weeping Willow; makes a large tree with drooping branches. Very fine for planting on the margin of streams and ponds. 6-8 ft. \$1.50.

WEeping CUT-LEAVED WHITE BIRCH—Undoubtedly one of the most popular of all weeping trees; tall and slender, graceful drooping branches, silvery white bark, delicately cut foliage. A well known favorite of great beauty. 5-6 ft. \$1.50.

Ornamental Hedges

CALIFORNIA PRIVET — An old well known variety. 2-3 ft. Doz., 60c.

AMoor RIVER PRIVET—Hardest of all privets. Not subject to blight. Glossy green leaves. 12-18 in. Doz., 75c; 100, \$6.00; 18-24 in. Doz., \$1.00; 100, \$7.00.

JAPANESE BARBERRY— A beautiful plant. Foliage bright green turning to reddish bronze in fall. 12-18 in. 15c each; 8 for \$1.00; 100 for \$12.50.

NORWAY SPRUCE—For hedge and windbreaks. 12-18 in. \$25.00 per 100.

Vines and Creepers

BOSTON IVY — Splendid plant for covering any object as it clings perfectly to the smoothest surface. Foliage bright glossy green changing to bright tints of scarlet crimson and orange. Each 40c; 3 for \$1.00.

DUTCHMAN'S PIPE— A native species of climbing habit and rapid growth, with magnificent light green foliage, ten to twelve inches in diameter, and curious pipe-shaped yellowish brown flowers; a splendid variety for archways or verandas. Each 50c; 3 for \$1.25.

WISTERIA (Chinese Purple)—Beautiful climber of rapid growth, very hardy. The best vine to grow when it is desired to shade the upper part of the house. Each 35c; 3 for \$1.00.

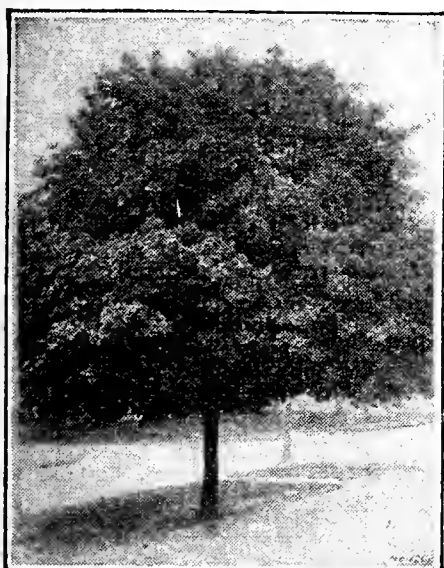
CLEMATIS JACKMANI (Purple Flower)—Flowers continually from July until frost. 2 yr. Each 75c; 3 for \$2.00.

CLEMATIS PANICULATA (White Flower)—Quickly covers arbors and trellises. Flowers are medium size, pure white. 2 yr. Each 50c; 3 for \$1.25.

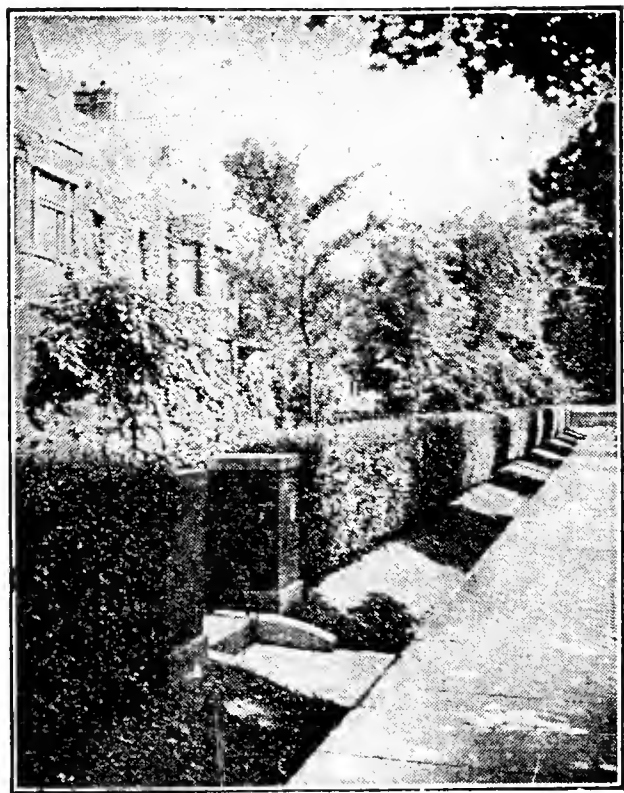
When a firm will give you the privilege of returning your order if not satisfied and your money refunded, you can expect to get your money's worth.



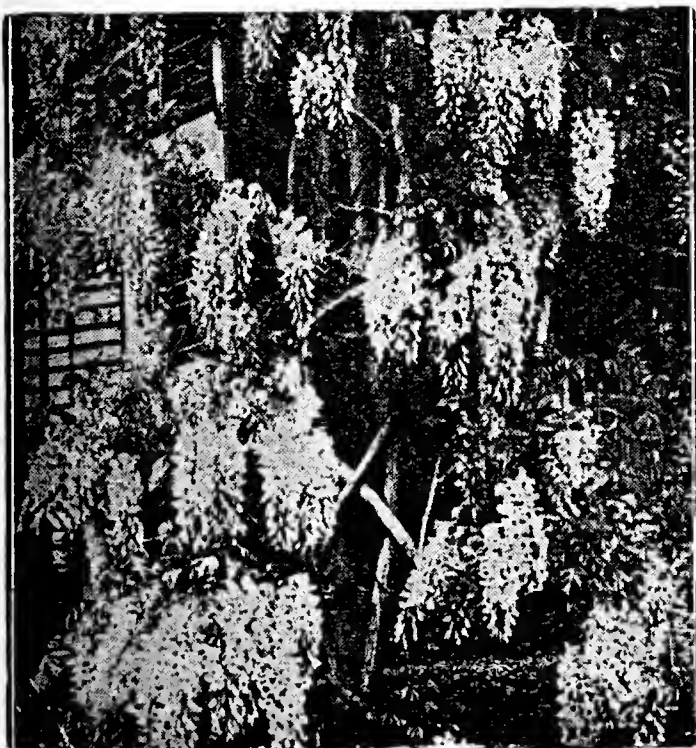
Lombardy Poplars



Norway Maple



Amoor River Privet



Chinese Wisteria

Field Grown Hardy Ornamental Shrubs



French Lilac

FLOWERING ALMOND—A most desirable early flowering shrub with white and pink flowers. 2 yr., 50c.

BUTTERFLY BUSH—A very attractive new addition to the flowering plants. The flowers are borne on the tips of every bit of new growth and in August the plants are masses of purple and violet flowers. 18-24 in. 30c.

JAPANESE BARBERRY—Loaded with red berries in the fall. Much used for border or hedge planting. The fine green foliage turns to a brilliant red in autumn. Very attractive. 12-18 in., 25c; doz., \$2.50; 18-24 in. 35c; doz., \$3.25.

CALYCANTHUS (All spice shrub)—Grows to 6 ft. An abundance of chocolate colored flowers in June and at intervals afterward. Foliage rich dark green. 50c.

DOGWOOD (Cornus Sibirica)—With small clusters of white flowers, its blue berries and its dark red bark, this is one of the most attractive shrubs. 3-4 ft. 50c.

DEUTZIA (Crenata flore pleno)—Flowers double, white, tinged with rose, blooming in late June. Very hardy. 2-3 ft. 30c.

FORSYTHIA (Golden Bell)—Grows 8 to 10 feet tall. Blooms early in spring before leaves appear. 3-4 ft. 50c.

HYDRANGEA—

ARBORESCENS (Snowball Hydrangea)—Has large clusters of white flowers. Blooming period is from early June until middle of August. Each 40c.

PANICULATA GRANDIFLORA—One of the most popular shrubs in cultivation. Flowers delicate pink changing to brown. Very desirable. Each 40c.

HONEYSUCKLE—Vigorous tall growing shrubs invaluable for screening and massing effects. Each 50c.

WEIGELA (Eva Rathke)—Blossoms from May until June. Flowers are a brilliant crimson. A beautiful, clear, distinct shade. 2-3 ft. 50c.

FRENCH LILACS—Our stock is 2 yr. old, transplanted specimens, running from 18-24 inches and 2 to 3 ft., depending on the variety.

BERRYER—Semi-double; clear mauve, new.

CHAS X—Single Red; Large trusses, beautiful.

CLAUDE BERNARD—Semi-double; bright lilac, new.

HUGO KOSTER—Single; lilac with reddish tint, new.

JAN VAN TOL—Single; pure white, large trusses, new.

LUDWIG SPAETH—Single, purple; large trusses.

MARIE LEGRAYE—Pure white, single, immense clusters.

MICHAEL BUCHNER—Double, pale lilac, new.

PRESIDENT GREVY—Large trusses of double red flowers.

VAUBAN—Double, tender mauve, new.

SPECIAL OFFER ON LILACS—To enable everyone to enjoy French lilacs we offer these low prices. 65c each; the entire collection of 10 for \$5.00 prepaid.

PHILADELPHUS (Mock Orange) (Virginal)—Blooms throughout the season. It is without question one of the most beautiful shrubs and once it becomes known will be planted on every home ground. 2 to 3 ft. 50c.

ROSE TREE OF CHINA—A new and distinct shrub, blooms in May. Solid mass of pink rose-shaped flowers. Be sure and order one of these. 2-3 ft. 75c.

SPIREA—

ANTHONY WATERER—Grows 2 to 3 ft. covered from June or July until fall with large heads of dark crimson flowers. A valuable addition to your list. 18-24 in. 40c.

VAN HOUTTEI (Bridal Wreath) — Most charming and beautiful of all Spireas, having pure white flowers in clusters, the branches drooping to the ground. Foliage, a rich green. Very hardy. The variety most commonly planted. 18-24 in. 15c; 2 to 3 ft. 25c; 12 for \$2.00.

OPULIFOLIA AUREA—Grows 6 to 8 ft. Bears white flowers in June. Foliage is yellow in spring, changing to golden bronze in autumn. 12-18 in. 35c.

SNOWBALL—10 to 12 ft. White. Blooms in May. This old fashioned shrub is well known to every lover of plants. 2-3 ft. 50c.



Spirea Van Houttei

Hardy Northern Grown Roses

Prices on No. 1, 2 yr. Field Grown Stock.

RED RADIANCE—Very showy, fragrant, wonderful bloomer, bright cerise red; handsome foliage. 50c each; 3 for \$1.00.

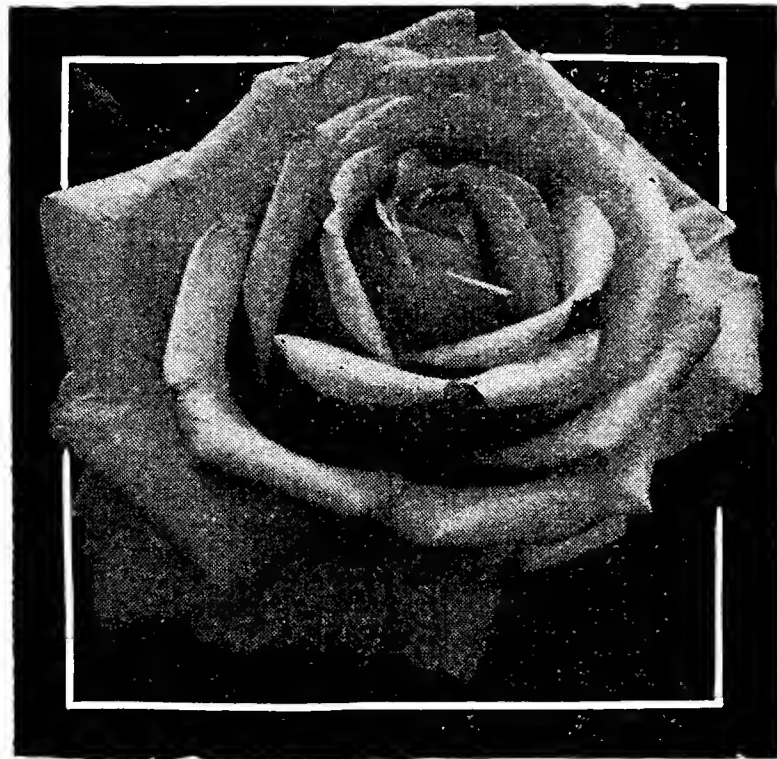
MRS. AARON WARD—Long buds, golden orange, fragrant flowers, shading to creamy yellow. 50c each; 3 for \$1.00.

PINK RADIANCE—Blossoms from spring until late fall; brilliant rose-pink, deeper on outside; long stems. 50c each; 3 for \$1.00.

COLUMBIA—Lovely pink garden bush rose. A garden rose without a peer, blooms continuously, almost thornless, flowers magnificent often measuring 6 inches across, color, deep peach-pink. 50c each; 3 for \$1.00.

GRUSS AN TEPLITZ—The intense, dazzling color of this rose is found in no other variety. Fiery crimson, shaded with a dark velvety sheen. Blooms throughout the summer. 50c each; 3 for \$1.00.

KAISERIN AUGUSTA VICTORIA—A great white hardy everblooming rose. Free flowering and very fragrant. Most popular of all white roses. 50c each; 3 for \$1.00.



Columbia

MRS. JOHN LANG—Color, clear bright, shining pink; exquisitely shaded. Awarded gold medal. 50c each; 3 for \$1.00.

PAUL NEYRON—The flowers are immense. Bright shining pink, clear and beautiful. 50c each; 3 for \$1.00.

HARDY CLIMBING ROSES

DOROTHY PERKINS—Beautiful shell-pink shading to a lovely deep rose. Very hardy. 50c each; 3 for \$1.00.

CLIMBING AMERICAN BEAUTY—Flowers of large size, good form, of rich red color passing to crimson. Very fragrant. Good foliage and absolutely hardy. 50c each; 3 for \$1.00.

DR. VAN FLEET—A new rose with a great future. Color a delicate flesh pink. Stems 12 to 18 inches, making it valuable for cutting. 50c each; 3 for \$1.00.

RED DOROTHY PERKINS—Intense crimson scarlet. Extremely vigorous and one of the handsomest of all climbers. 50c each; 3 for \$1.00.

CRIMSON RAMBLER—One of the most popular of the climbers. One year plants will attain a height of 10 to 20 ft. in a single season. Flowers in rich clusters of vivid crimson. 50c each; 3 for \$1.00.

TAUSENDSCHON (Thousand Beauties)—Varying in shade from a delicate flushed white to a deep pink or reddish crimson in bright clusters, almost covering the handsome green foliage. 50c each; 3 for \$1.00.

WHITE DOROTHY PERKINS—Pure white. A valuable addition to the hardy climbing class. 50c each; 3 for \$1.00.



Dorothy Perkins

THE GOLDEN ROSE OF CHINA—Blossoms three weeks earlier than most other roses. Hardy everywhere in United States, a shrub rose of countless uses; splendid for specimens; popular in shrubbery planting; handsome for hedges. Still more in its favor is its beautiful, great golden, hollyhock-like flowers of clear, yellow on maroon colored canes in May. Such a dazzling display in front of your place. 50c each; 3 for \$1.00.

We are always ready to talk over your problems and to make a planting sketch for you and to assist you in any way that we can. We may be able to help lay out your grounds so as to bring out a real charming landscape effect.



Golden Rose of China

Hardy Flowering Plants for Garden and Rockery



Phlox



Hibiscus

mon, rose, and blood red. 35c each; 3 for \$1.00.

PYRETHRUM (Painted Daisy)—The flowers are borne on long stems and are fine for cutting. Fern like foliage. 20c each; 6 for \$1.00; Doz., \$1.75.

SHASTA DAISY—Bears a great profusion of large white flowers from early summer to late fall. Fine for cut flowers. 20c each; 6 for \$1.00; Doz., \$1.75.

TRITOMA (Red Hot Poker)—A beautiful late flowering plant, having a handsome reed-like foliage. Flowers of rich orange-scarlet. 3 ft. high; blooms Sept. to Nov. 25c each; 6 for \$1.25.

HARDY PHLOX—We have no more satisfactory flowering plants than Hardy Perennial Phlox. We offer strong heavy plants for immediate blooming. Our list is the best now known.

Ferdinand Cortez—French purple.

Champs Elysee—Rich crimson.

Eclairer—Bright carmine.

Miss Lingard—Wax white, lavender eye.

Mrs. Jenkins—Pure white.

Rheinlander—Salmon pink, red eye.

Rosenberg—Wine color, blood red eye.

R. B. Struthers—Carmine, scarlet eye.

Rijnstroom—Rose pink.

Bridesmaid—White, red eye.

PRICES HARDY PHLOX: Strong, vigorous, field grown plants. 15c each; 4 for 50c; \$1.50 per doz. Postpaid.

ACHILLEA THE PEARL—Pure white double. Flowers all summer. Prized for cutting. Each 20c; 6 for \$1.00; Doz., \$1.75.

AQUILEGIA, COLUMBINE—All colors, fine for border and rock garden. Excellent cut flower. Blooms June-October. Each 20c; 6 for \$1.00; Doz. \$1.75.

BLEEDING HEART—A hardy perennial with heart shaped rose colored flowers in drooping spikes. Each 40c; 3 for \$1.00.

CHRYSANTHEMUM—Valuable for cut flowers. The varieties offered below have been carefully selected and will give a flowering period of two months from the middle of September until the middle of November.

VARIETIES: Fred Peel, Flora, Autumn Glow, Indian Copper, Red, Snow Drop, White, Mitzi, Brilliant Yellow. 15c each; 12 for \$1.50.

COREOPSIS (Tickseed)—Bright yellow flowers; one of the best hardy plants. 20c each; 6 for \$1.00; Doz., \$1.75.

DELPHINIUM (Larkspur)—Most beautiful hardy plants in cultivation. We have dark blue, light blue and Gold Medal hybrids. 20c each; 6 for \$1.00; Doz., \$1.75.

DIANTHUS (Pinks)—Their perfect form and rich coloring make them great favorites for summer bouquets. 20c each; 6 for \$1.00; Doz., \$1.75.

DIGITALIS (Foxglove)—One of the finest flowers. Throws a beautiful spike 4 to 6 ft. high. Mixed colors. 20c each; 6 for \$1.00; Doz., \$1.75.

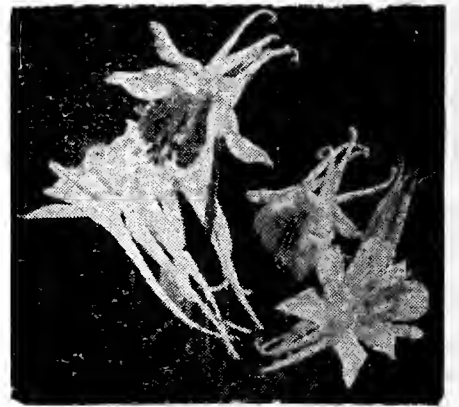
GAILLARDIA—Base of petals is scarlet-crimson bordered with golden-yellow. Valuable for table decorations. 20c each; 6 for \$1.00; Doz., \$1.75.

HOLLYHOCKS—An old garden favorite. A plant of vigorous growth and noble aspect. 20c each; 6 for \$1.00; Doz., \$1.75.

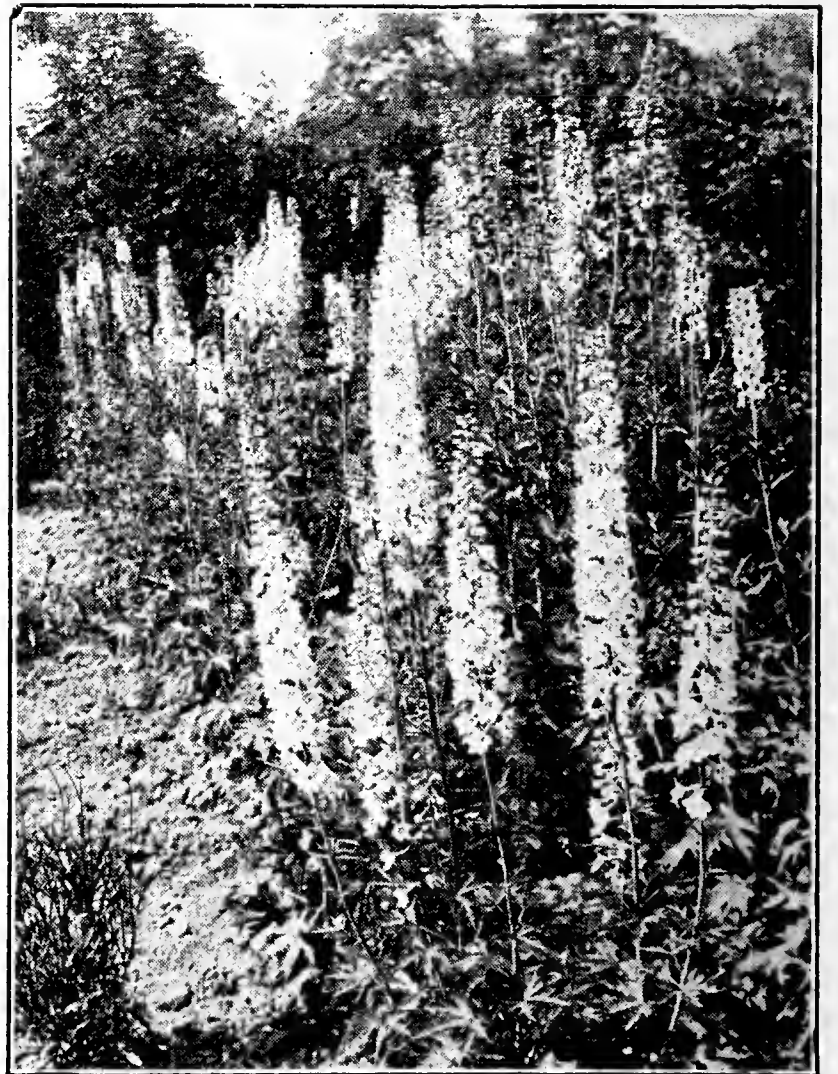
HIBISCUS (Mallow Marvel)—Most free blooming of all perennials, rich, gorgeous and hardy as an oak. 20c each; 6 for \$1.00; Doz., \$1.75.

PLATYCODON (Balloon Flower)—June to October. Large, showy, deep blue flowers. Good for rock garden and border. 20c each; 6 for \$1.00; Doz., \$1.75.

POPPY ORIENTAL—No plant is more brilliant in late spring or early summer. Easy of culture. Separate colors; Orange, salmon,



Aquilegia



Larkspur

Fruit Trees, Berry Plants, Grape Vines

APRICOT—Superb. Early. Each 60c; 3 for \$1.50.

QUINCES, CHAMPION—Very productive, bears extremely young. 3-4 ft. 60c each; 3 for \$1.50.

APPLE TREES—3 to 4 ft. 35c each; 3 for \$1.00; 10 for \$3.00; 100 for \$20.00.

SUMMER VARIETIES

EARLY HARVEST—Bright straw color.

YELLOW TRANSPARENT—Very early. White to lemon-yellow.

LATE SUMMER VARIETIES

WEALTHY—Mostly covered with bright red. Fine grained, juicy, sub-acid.

MAIDEN BLUSH—Creamy yellow with red blush.

FALL AND WINTER VARIETIES

BALDWIN—Large, bright red, sub-acid. Keeps until April.

DELICIOUS—Large, bright red, blending to golden yellow.

GRIMES GOLDEN—Rich golden color.

JONATHAN—Beautiful red, highly flavored.

MCINTOSH RED—Brilliant crimson, sub-acid.

NORTHERN SPY—Striped with red, mild sub-acid.

ROME BEAUTY—Bright red on pale yellow, very juicy.

WINESAP—Bright red, very productive.

CRAB APPLES

HYSLOP—Large, dark crimson, very showy, late.

YELLOW SIBERIAN—Beautiful glossy yellow, shaded bright red, tart.

CHERRY TREES

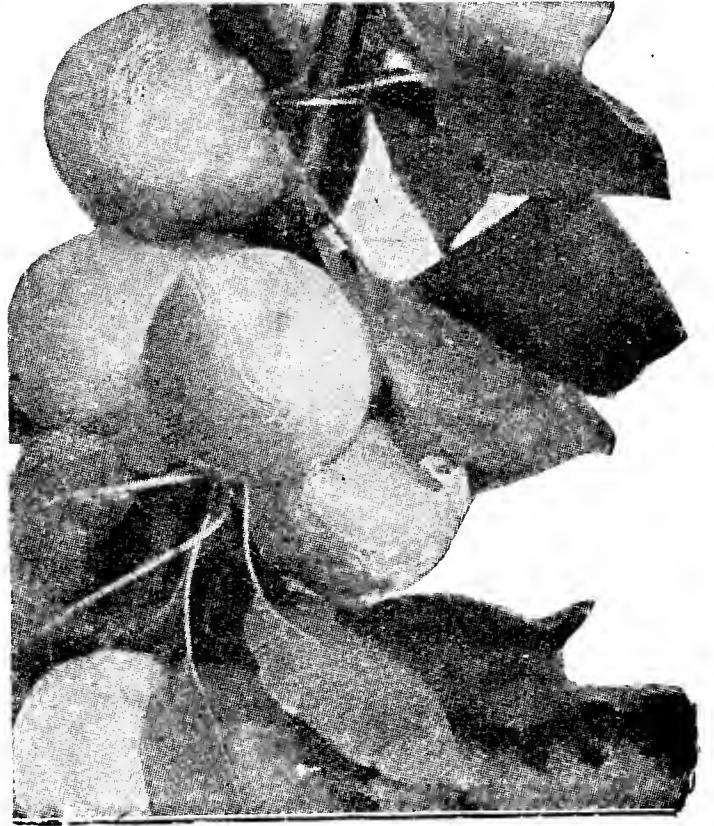
3 to 4 ft. Each 50c; 3 for \$1.25; 10 for \$3.50; 100 for \$30.00.

BLACK TARTARIAN—Purple black, sweet, June.

EARLY RICHMOND—Dark red, sour, early June.

LARGE MONTMORENCY—Large, light red, tart, very productive, June.

ENGLISH MORELLO—Dark red, nearly black, slightly astringent and good, August.



Superb Apricots

WINDSOR—Sweet, dark color almost black, July.

NAPOLEON OR ROYAL ANN—Pale Yellow, bright red cheek, good for market.

PEACH TREES

4-6 ft. 25c each; 3 for 65c; 10 for \$2.00; 100 for \$18.00.

CHAMPION (Free Stone)—Large, yellowish white mottled with red, August.

CARMEN (Free Stone)—White flesh, pale yellow skin, red blush, August.

ELBERTA (Free Stone)—Great market peach, yellow flesh, lemon yellow skin, Sept.

J. H. HALE (Free Stone) 1-3 to 1-2 larger than Elberta. Yellow flesh, golden yellow skin, Sept.

GOLD DROP (Free Stone)—Golden colored flesh. Fine for market, late Sept.

PEAR TREES

40c each; 3 for \$1.00; 10 for \$3.00; 100 for \$25.00.

BARTLETT—Large size, yellow with blush. August and Sept.

CLAPP'S FAVORITE—Pale yellow, white flesh, sweet and juicy, Sept.

SECKEL (Sugar Pear)—Small, yellowish brown, fine flavor.

KIEFFER—Skin yellow with vermilion cheek, fine for canning and preserving.

PLUM TREES

4-6 ft. 50c each; 3 for \$1.40; 10 for \$4.50.

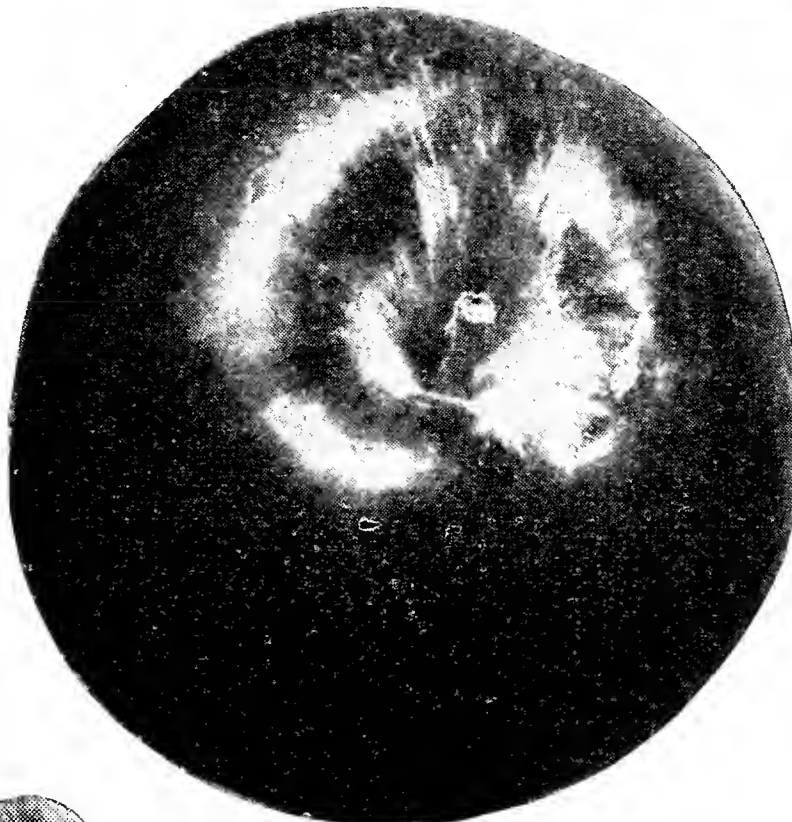
GERMAN PRUNE—Large, dark purple, sweet, fine for canning or drying, Sept.

ABUNDANCE—Pinkish red, thrives everywhere, August.

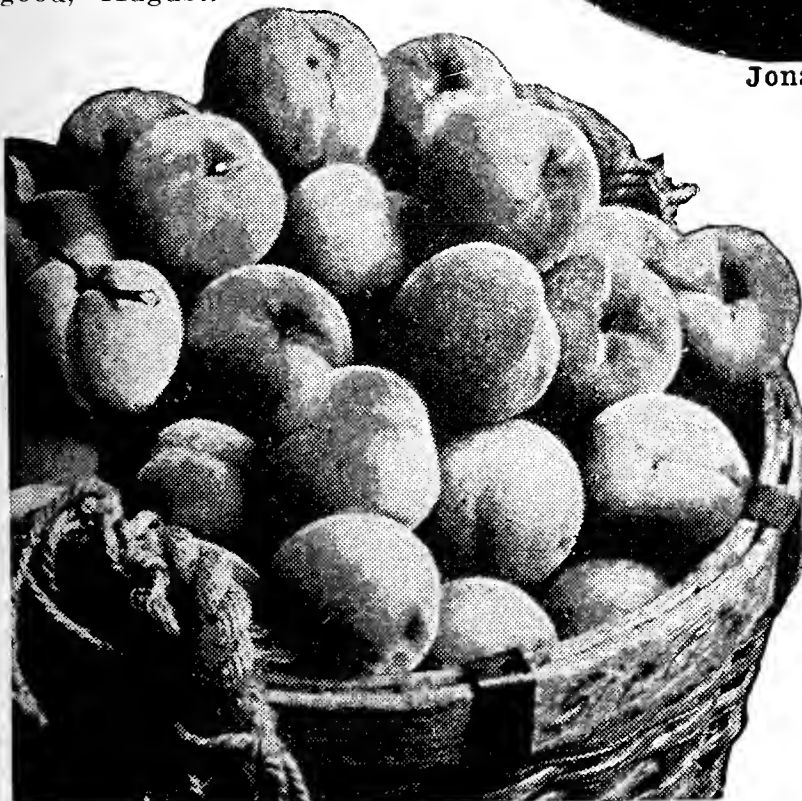
BURBANK—Reddish purple, requires little care, August.

LOMBARD—Violet red, juicy, valuable market sort, hardy, August.

REINE CLAUDE—Small yellow green, luscious and of best quality. Mid-August.



Jonathan



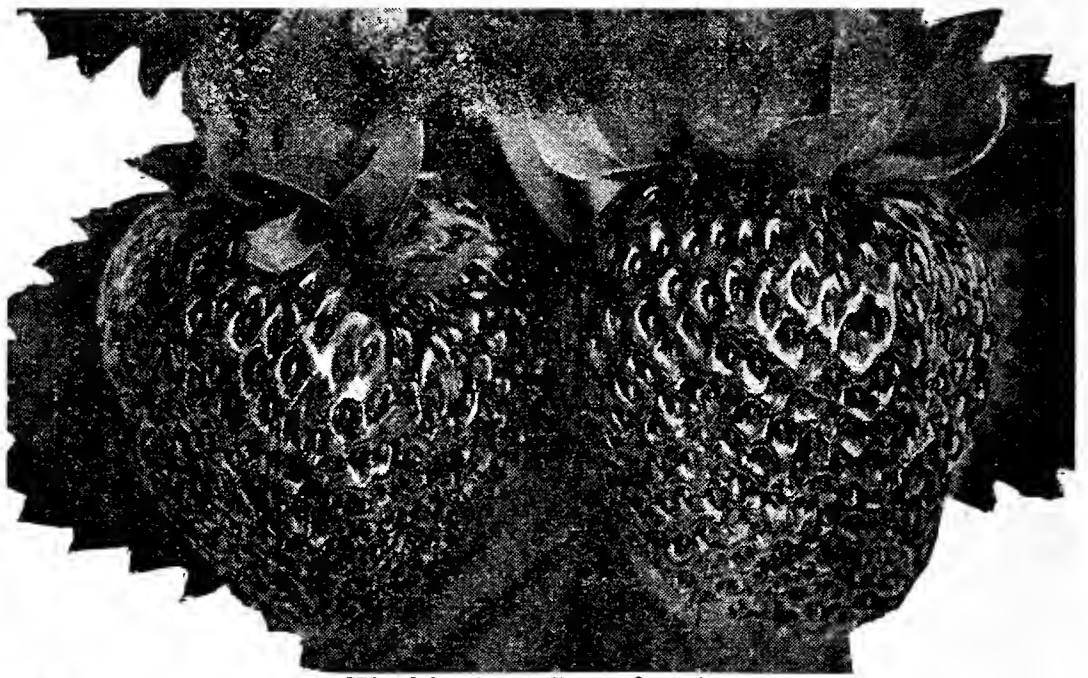
Carmen Peach

Strawberries

PREMIER—Begins to ripen early, covers a very long season. Foliage strong and healthy and not subject to disease. More hardy than most varieties. 12 for 25c; 100 for \$1.00; 1,000 for \$6.00.

AROMA (Per.)—Large; dark red; uniformly roundish, heart-shaped; flesh firm and of very good quality. Stands shipping well; plants vigorous and very productive; blossoms rich in pollen and is good fertilizer for imperfect varieties. Late. 12 for 25c; 100 for \$1.00; 1,000 for \$6.00.

WASHINGTON—Guaranteed genuine. The Honeysweet Strawberry. Words simply cannot describe this new remarkable strawberry. Big!



Washington Strawberries

Yes. The richest and sweetest strawberry ever brought out. New in color—new in size—new in taste—12 for 50c; 100 for \$2.00.

EVERBEARING MASTODON—Most wonderful everbearing strawberry ever produced. Wonderfully large, sweet berries; rich color. Plant this berry for commercial use. 12 for 50c; 100 for \$2.00; 1,000 for \$12.00.

SELECTED GRAPES

15c each; doz. \$1.50; 100, \$10.00.

RED VARIETIES

DELAWARE—Small but very fine. Flesh is juicy, very sweet and of best quality for table use and for wine.

AGAWAM—Bunch large, berry large, reddish brown, of excellent flavor, very productive.

WHITE VARIETIES

NIAGARA—Bunch and berries large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough.

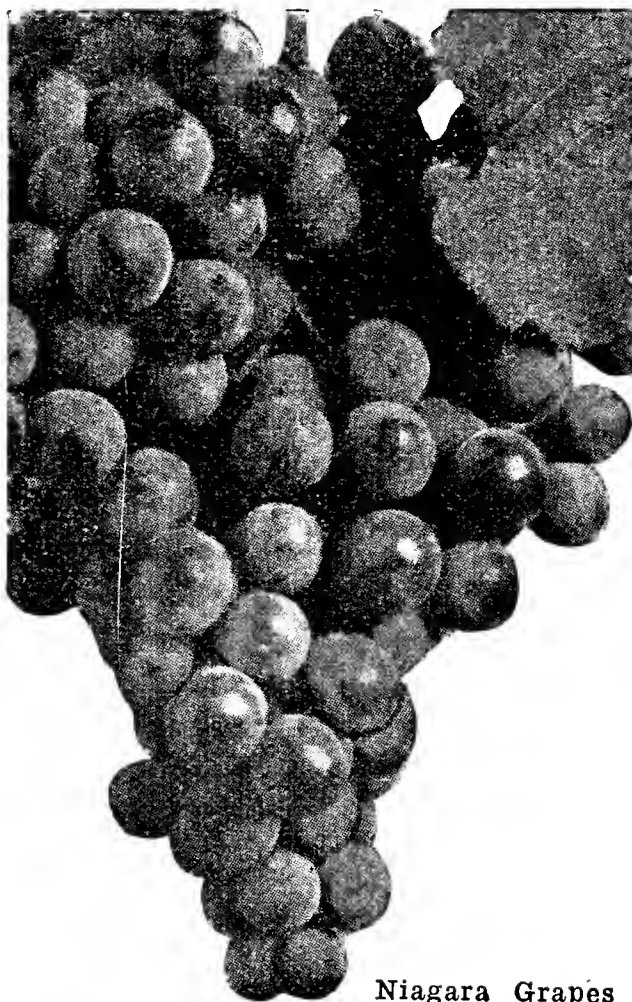
BLACK VARIETIES

CONCORD—One of the most popular and reliable of all. Bunch large and compact. Berry large, juicy and very sweet.

MOORE'S EARLY—A large grape, ripens a week earlier than Concord. Berries large, good quality.

RASPBERRIES

QUILLEN—Greatest variety of black raspberry grown in United States today, ripens about 2 days later than Cumberland. The largest Blackcap that has ever been grown. Has never shown any diseases either anthracnose or mosaic. If you want the best get a start of Quillen. Doz. \$1.00; 100, \$5.00. 1,000, \$35.00.



Niagara Grapes

CUMBERLAND—Unusually strong grower, perfectly hardy, black. 25 for 90c; 100 for \$3.00; 1,000 for \$20.00.

ST. REGIS—Red, the so-called everbearing. It does produce some berries throughout the summer and in the spring is an excellent producer. 25 for \$1.00; 100 for \$3.00; 1,000 for \$20.00.

LATHAM—The finest Red Raspberry ever produced. Extremely large in size, beautiful, bright red color, hardiest of all raspberries. Bargain price—12 for \$1.00; 25 for \$2.00; 100 for \$4.00; 1,000 for \$30.00.

BLACKBERRIES

10c each; doz., 75c; 100, \$4.50.

ELDORADO—Largest blackberry grown, free from rust.

BLOWERS—Jet black, large and of fine flavor, very productive.

CURRENTS

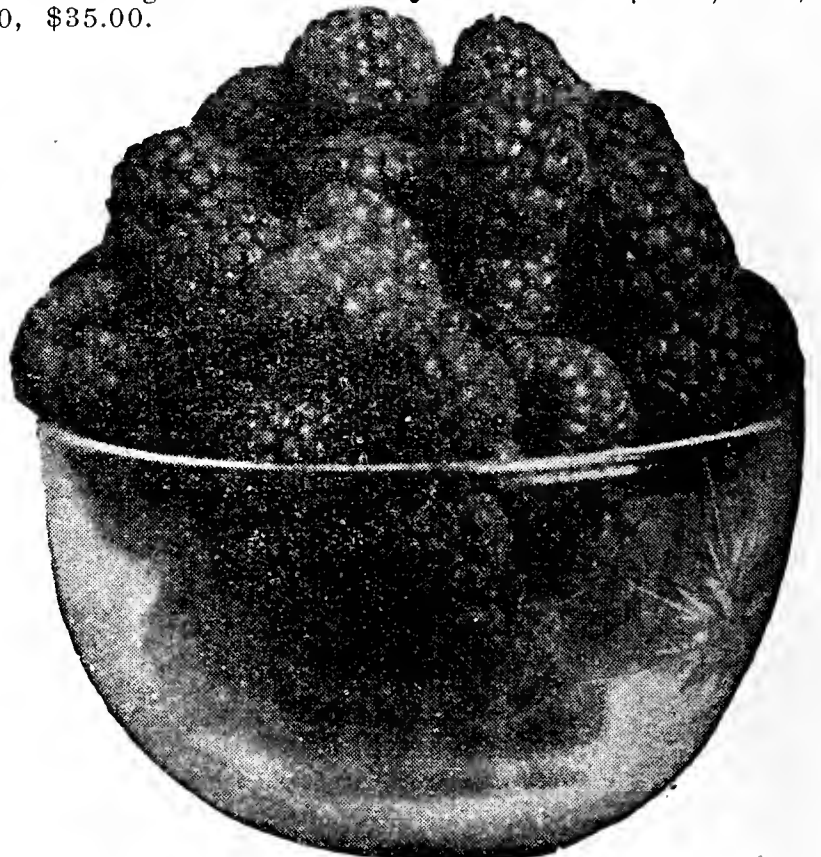
FAY'S PROLIFIC—Dark red, very large.

WILDER—Leading commercial currant, red. 2 yr. vines 15c; 100, \$10.00.

GOOSEBERRIES

20c each; 100, \$10.00.

DOWNING—Large fruit, smooth skin, light green, fine flavor.



Latham Raspberries



Festiva Maxima

PEONIES

We can furnish the following list, 3-5 eyes at 50c each; 3 for \$1.00 postpaid.

PINK

Eduis Superba	Emile Galle
Duke of Clarence	Hello Central
Mons. Jules Elie	Novelty
Clara Butt	Leone
	Sarah Bernhardt

RED

Felix Crousse	Rachel
Rubra	Rubra Superba
Dumi	L'Esperance
Emperor William	Karl Rosenfield

WHITE

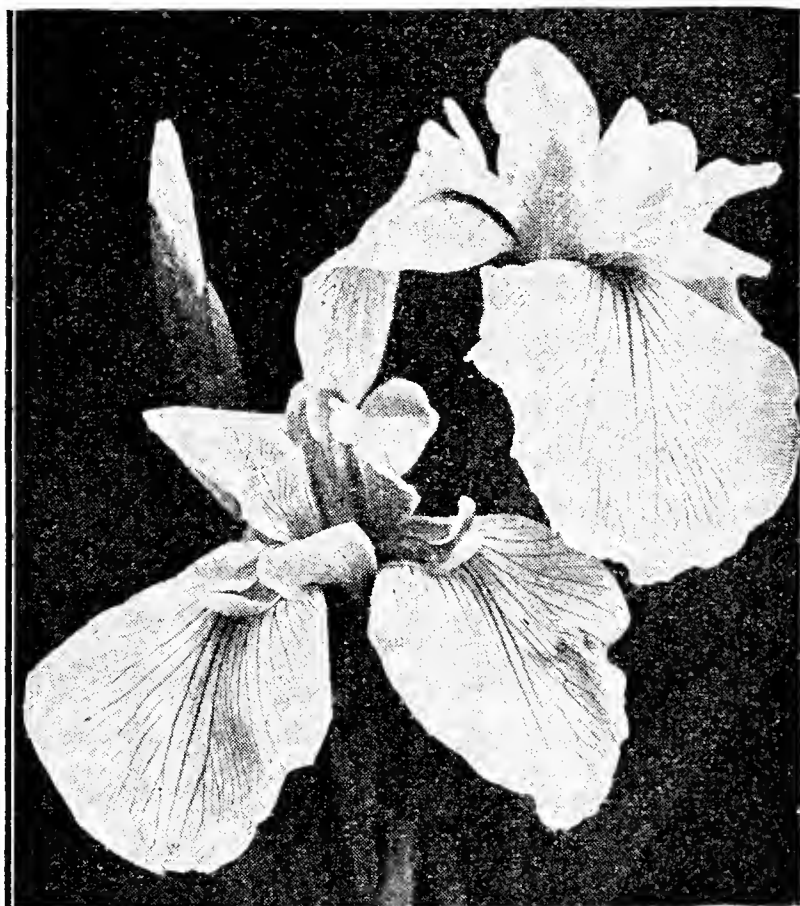
Festiva Maxima	Claude Galle
Madame Calot	Couronne d'Or
Duchess de Nemours	Baroness Schroeder

IRISES

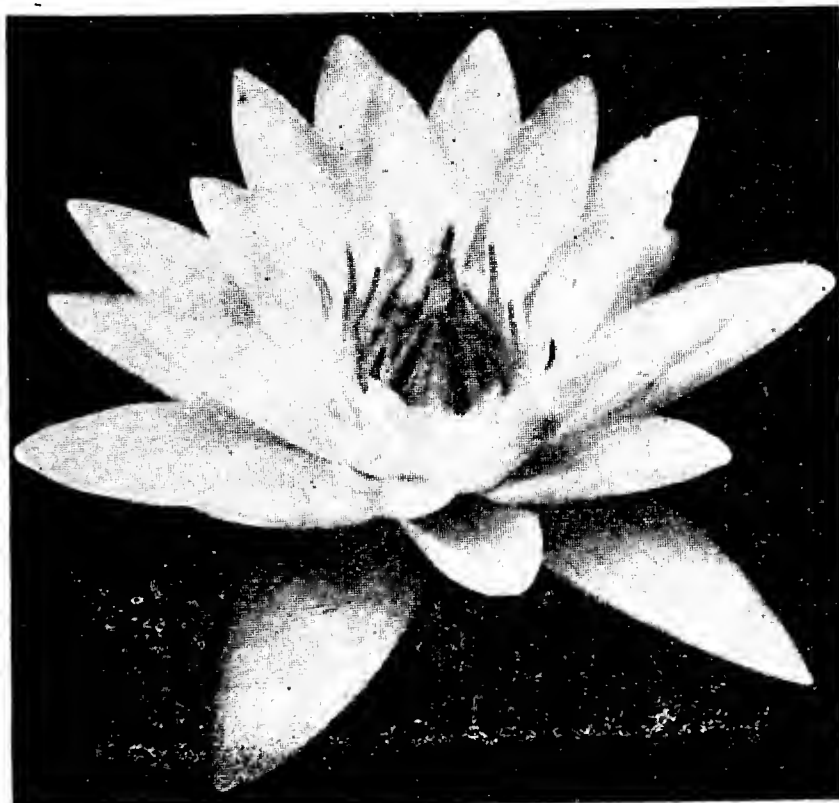
SPECIAL ON IRIS

JAPANESE IRIS—10 for \$1.00, postpaid. 5 colors.

GERMAN IRIS—10 for \$1.00, postpaid. 5 colors.



Japanese Iris



Alba Grandiflora

WATER LILIES

ALBA GRANDIFLORA—Pure white. Each \$1.50 Postpaid.

OPAL—Delicate pink. Each \$1.50. Postpaid.

CHROMATELLA—Yellow. Each \$2.00 Postpaid.

ROSE ARCY—Very dark pink. Each \$2.00.

GLORIOSA—Blood red. Each, \$3.50.

SPECIAL OFFER—One of each above 5 varieties in large clumps, postpaid for \$8.00. \$10.50 value. These 5 varieties will fill a pool of 40 sq. ft.

SPECIAL PRICES TO COMMERCIAL PLANTERS

A glance at our prices will convince you that they are low, real money-savers, but we can better these considerably on quantity lots.

If you are going to plant a large number of trees, shrubs, plants, etc., send us a list of the stock needed, and we will promptly quote our best price.

Summer Flowering Bulbs

CHOICE NAMED GLADIOLI

The following varieties at 3c each or 35c per doz.

ALBANIA—Large white.

AMERICA—Soft lavender-pink.

ARLON—Large early orange.

BEVIERE—Pure deep salmon; soft cream throat.

CINCINNATUS HEINE—Cream with deeper throat.

HALLEY—Light salmon pink, throat cream and red.

LOS ANGELES—Grenadine pink; throat orange tinted carmine; "The Cut and Come Again Glad".

MAIDENS BLUSH—Early delicate pink shading lighter at the throat.

MING TOY—Large deep buff with yellow throat.

MYRA—Yellow with salmon suffusion.

ROSE 1910—Pure rose pink; white central lines.

VIRGINIA—Raspberry red shading to begonia rose.

WILBRINCK—Pink sport of Halley with same throat markings.

MARY PICKFORD—Delicate creamy white with primrose throat.

NEWER INTRODUCTIONS IN GLADS

BUCKEYE—Ruffled, very large rose pink tinted old rose. 5c each.

CHALLENGER—Giant, rich, velvety dark red. 5c each.

JEWEL—Large, light salmon pink with golden throat. 5c each.

LILAC—Old Rose. Large; fine. 50c each.

SPLENDORA—Very dark wine; large, rich and velvety. 5c each.

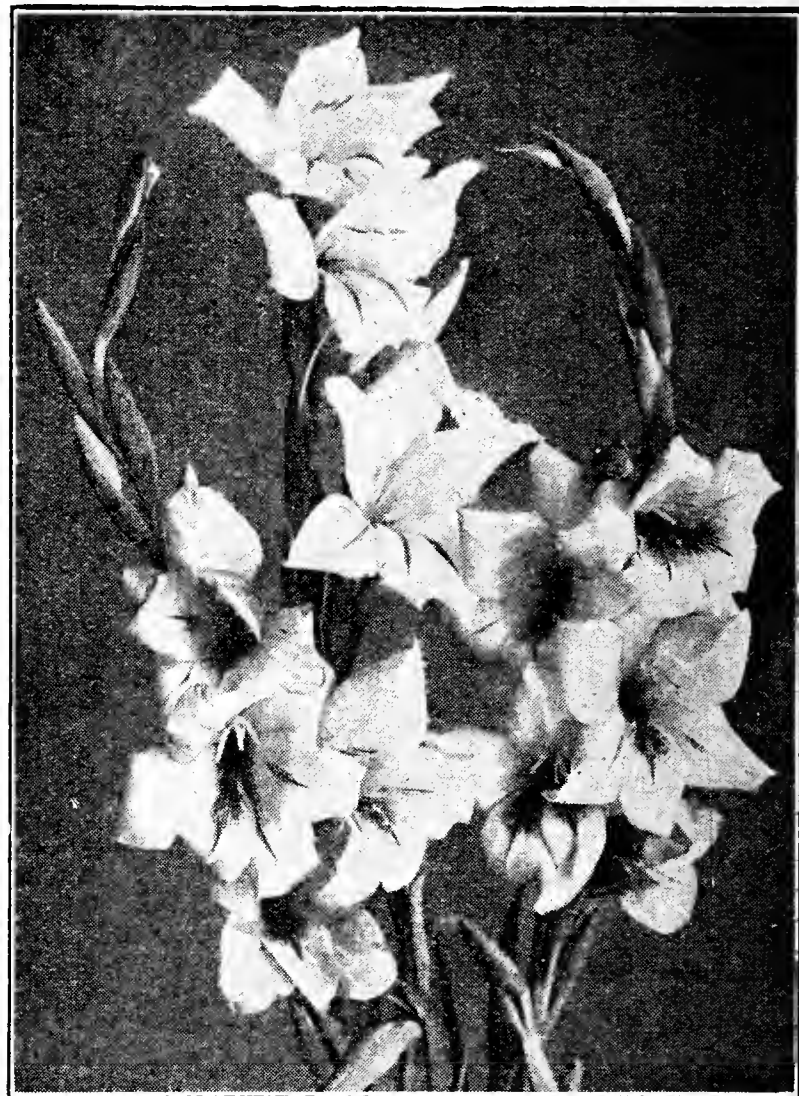
COPPER BRONZE—Coppery orange, extensively flaked "smoky"; red tongue on lower petals; large metallic appearing flowers 7½c each.

THE ORCHID—New and distinct type; ruffled, frilled and lacinated. Delicate lavender becoming deeper at the edge, closely resembling the finest orchids in form and color. 7½c each.

W. H. PHIPPS—Soft pink tinted with light rose salmon; lower petals faintly striped and flecked ruby. Immense size and large number of open flowers has made it the sensation of the Gladiolus shows. 10c each.

FINEST MIXED GLADS—25c per doz. \$2.00 per 100.

CHOICE MIXED GLADS (smaller size)—15c per doz, \$1.00 per 100.



W. H. Phipps

DAHLIA

BIRD OF PARADISE, S.—White and lavender. 15c each.

FLORAL PARK JEWELL, S.—Red and white of varying proportions. 15c each.

LYNDHURST, D.—Early, compact type, brilliant red. 15c each.

WARRIOR, D.—Cardinal-vermilion. 15c each.

BLUE OBAN, D.—Bluish-lavender of perfect decorative type. 20c each.

QUEEN MARY, D.—Shell pink. 20c each.

QUEEN VICTORIA, S.—Perfectly quilled golden yellow. 20c each.

DREERS WHITE, S.—Large pure white. 25c each.

MISS MINNIE MCCOLLOUGH, D.—Yellow and crimson variegated. 25c ea.

PRIDE OF CALIFORNIA, D.—Large, rich, full, deep red. 25c each.

SEABRIGHT, D.—Apricot and buff. 25c ea.

JOHN BOWMAN, S.—Golden yellow of unusual merit. 35c each.

JUDGE MAREAN, P.—Glowing salmon-pink, orange, yellow and gold. Very large bloom, unusual color blending. 35c ea.

MRS. CARL SALBACH, D.—Mauve pink shading lighter. 35c ea.

JERSEY'S BEACON, D.—Novelty of Chinese scarlet with paler reverse. 50c each.

MRS. I. DE VER WARNER, D.—Gigantic bloom of soft orchid, a color seldom seen in a dahlia. 50c each.

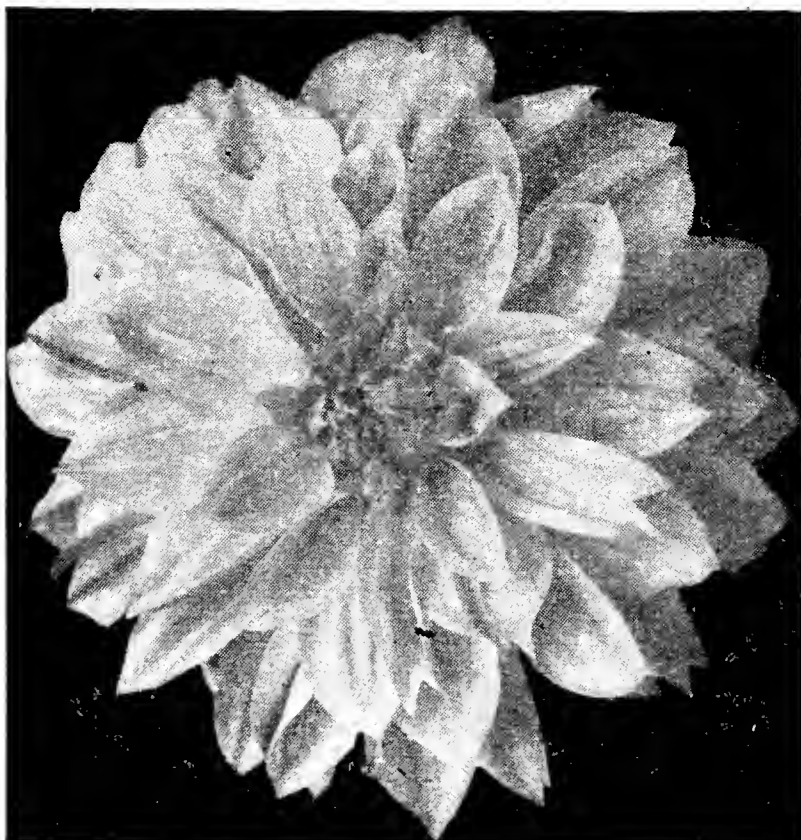
UNCLE TOM, D.—Large extra dark maroon; dazzling, velvety finish. 50c each.

CANNA

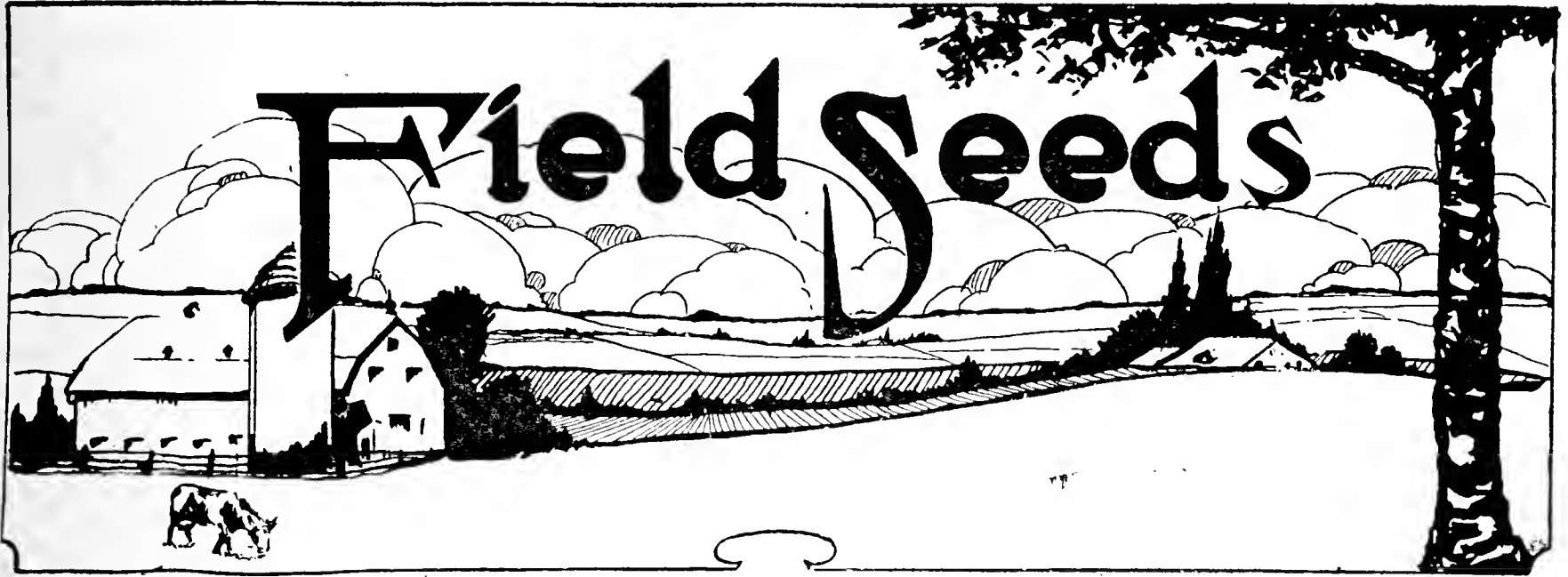
KING HUMBERT, 5 ft., bronze leaved, scarlet flowers. 15c ea.

YELLOW KING HUMBERT—4 ft., green leaved, deep yellow flowers. 15c each.

EUREKA—4 ft., green leaved, white flowers. 15c each.



Dreers White



RED MEDIUM CLOVER—This is the common Red Clover so largely grown throughout the country. Excellent for a manurial crop and of the highest value as hay for cattle, sheep and hogs.

WHITE DUTCH CLOVER—The best variety for lawns; Valuable for permanent pastures.

ALSIKE—Hardest of all clovers. Fine for permanent pastures or for hay crop.

SWEET CLOVER—This is the variety most commonly found and the one in greatest demand.

ALFALFA—One of the most valuable forage or pasture grasses, being very nutritious both as a green feed and as hay. Improves any soil that is sown with it. Does well in almost any climate.

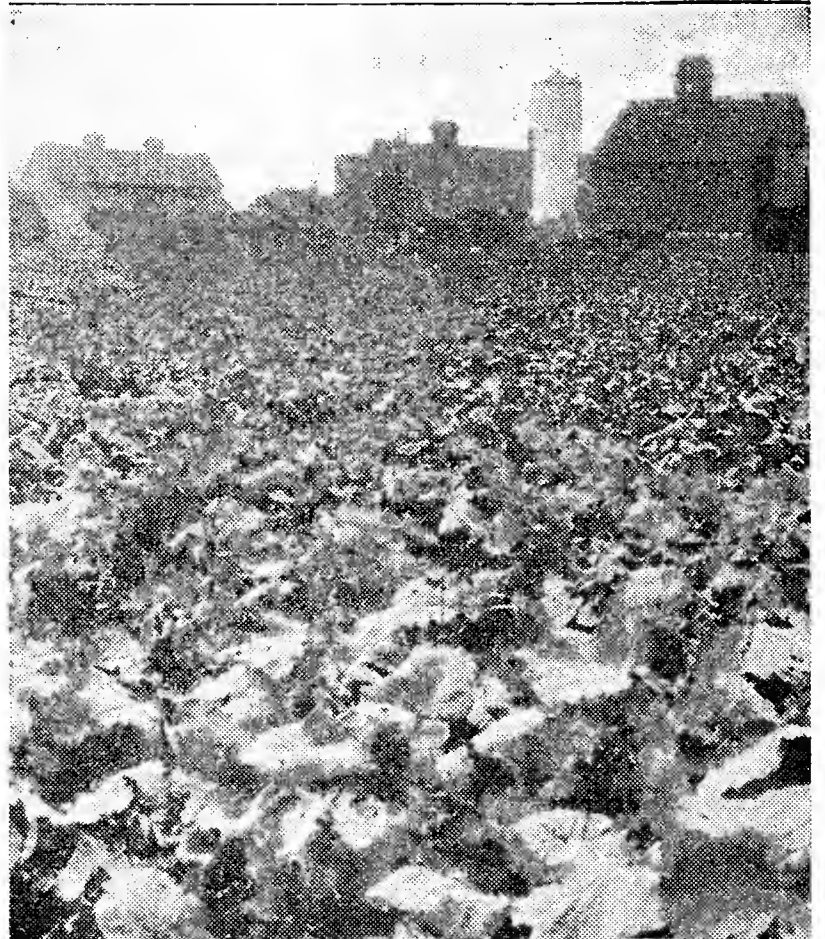
COWPEAS—Can be grown in all parts of the country where Dent Corn succeeds. It is one of the best for temporary pastures.

KENTUCKY BLUE GRASS—This grass is sown with success in grass mixtures. Best on limestone soils.

RED TOP—One of the most desirable grasses in cultivation. It is fine for lawns.

SUDAN GRASS—Is recommended for the hot, dry regions. Does well in almost any soil or climate. Belongs to sorghum family growing 4 to 7 ft. high.

TIMOTHY—In this country Timothy is the king of all grasses and is adapted to a wider range of conditions than any other variety of grasses.



Rape

MILLETS

COMMON MILLET—Best quality for feeding.

GERMAN MILLET—Matures two weeks later than the common millet. The seed we offer will produce more than double the quantity of fodder usually got on the same ground.

SORGHUM

EARLY AMBER—Grows from 11 to 12 ft. in height and can be planted by the first of May. The seed ripens almost invariably affording an excellent feed for stock and poultry.

BUCKWHEAT

SILVER HULL—The grains are a silvery gray color making a white flour.

RYE

WHITE WINTER—It is much hardier than wheat and can be grown on a greater variety of soils.

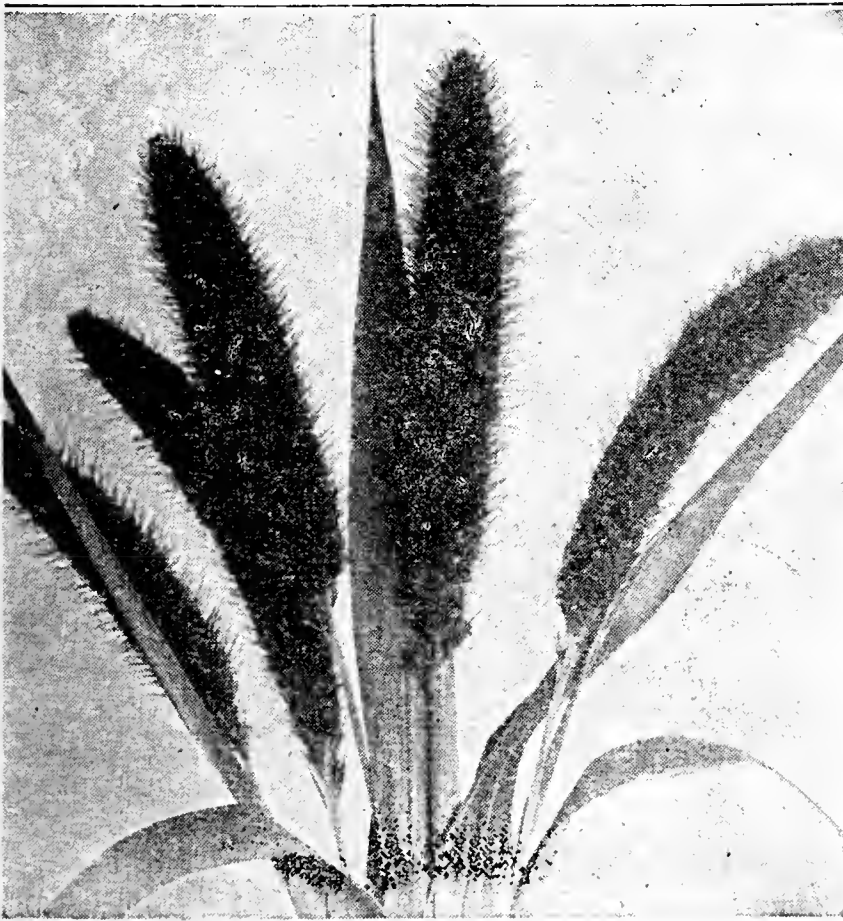
RAPE

Rape is considered one of the most valuable forage crops to plant in connection with other crops.

SUNFLOWER

MAMMOTH RUSSIAN—Makes large heads—valuable for poultry.

WRITE FOR PRICES



Millet

SEED POTATOES

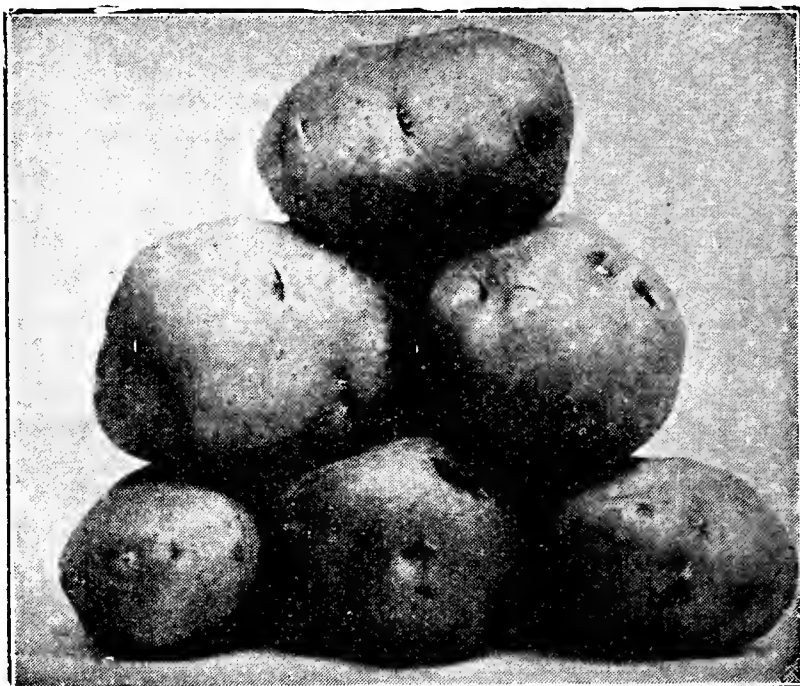
BLISS TRIUMPH (Extra Early)—The plant grows rapidly and the tubers are of medium size, light red color with whitish flesh. Its productiveness and handsome appearance together with fine table qualities make it a favorite with growers and buyers.

EARLY OHIO—The best known early potato. Skin is light pink with white blotches. It is a good yielder of well shaped potatoes of splendid quality. Makes a good fall and early winter potato if planted late.

IRISH COBBLER (Medium Early)—An excellent variety. Vines grow short and upright, permitting close planting. Skin is white and flesh is white. Preferred by many growers and users to all others.

EARLY ROSE—This is the good old favorite known by everybody.

RURAL NEW YORKER—A main crop potato noted for its heavy yields, good keeping and eating qualities and the esteem in which it is held on all markets. The tubers are white, large and oval, many of them flattened and with few eyes. Flesh



Early Ohio

is white and of excellent quality. A heavy yielder on good ground.

WRITE FOR PRICES.

ONION SETS

RED BOTTOM, WHITE BOTTOM, YELLOW BOTTOM—It is a little too early to quote prices on sets as we go to press. Please write for prices when you are ready to plant.

ONION PLANTS

CRYSTAL WAX (white).

YELLOW BERMUDA.

Prices delivered; 500 for \$1.00; 1000 for \$1.85; Crate of 6000 plants not prepaid for \$6.00.

Fertilizers for Beautiful Lawns and Gardens

SACCO—Produces thick, velvety green lawns, makes flowers grow larger and more beautiful, makes shrubbery more luxuriant, and increases yields in the vegetable garden. Sacco is clean, odorless and easy to use. You'll be delighted with results. 5 lb., 50c; 25 lb., \$1.75; 50 lb., \$3.00; 100 lb., \$5.00. Not delivered.

SHEEP MANURE—A pure, natural manure that contains all the elements of stable manure without the disagreeable odor. 5 lbs., 30c; 10 lb., 45c; 25 lbs., 85c; 50 lb., \$1.50; 100 lb., \$2.75. Not delivered.

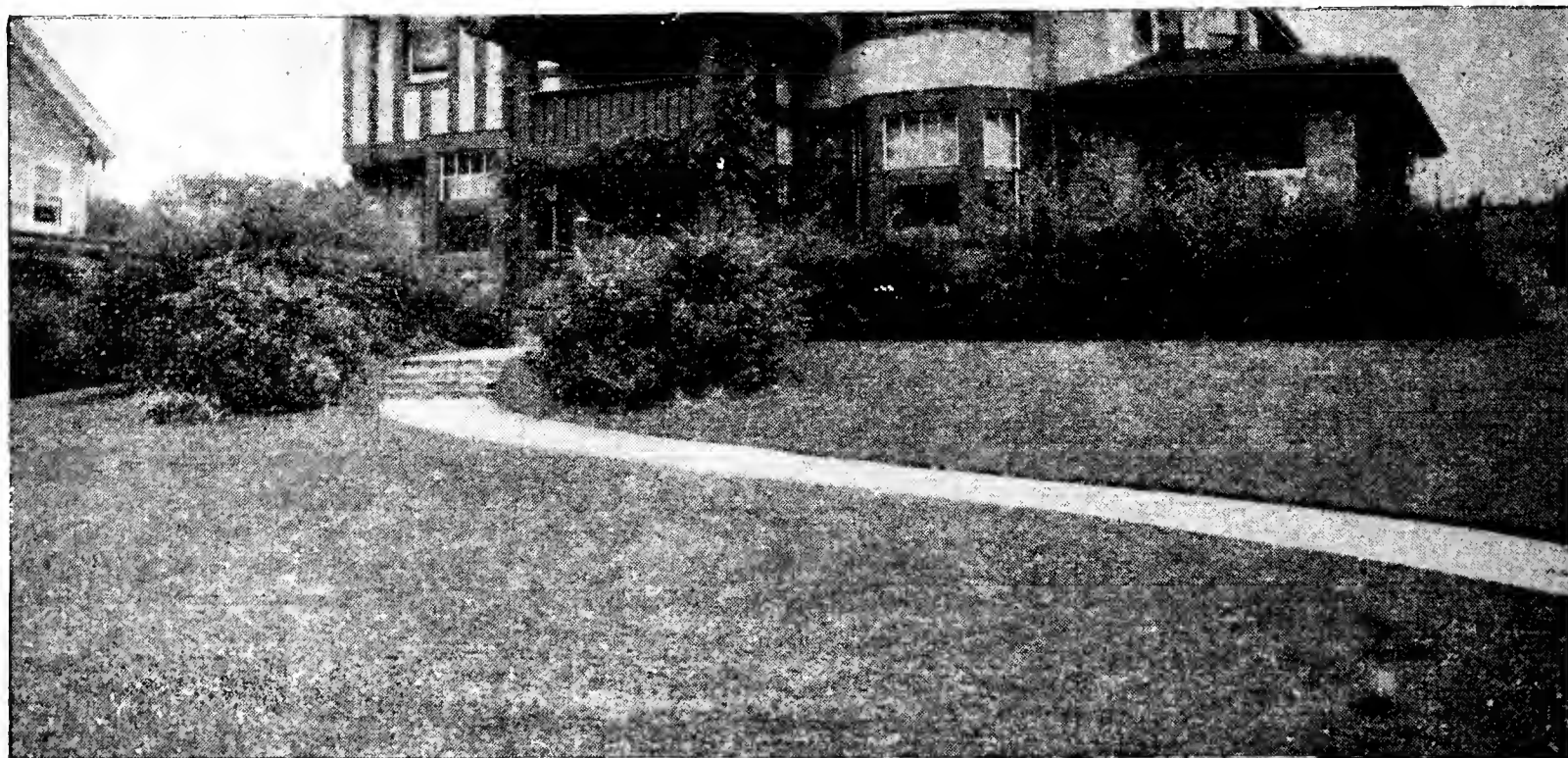
AMMONIUM SULPHATE—Very rich in nitrogenous matter. Fine for fertilizing lawns. Apply very early, or dilute before using as it burns green growth. 5 lbs., 40c; 10 lbs., 70c; 100 lbs., \$4.50.

PEAT HUMUS—In addition to fertilizing the soil, Peat Humus improves its texture and increases its ability to hold water. Large bag \$1.00; Bale \$3.00. Not delivered.

BONE MEAL—Rich in phosphorus and nitrogen. Fine for roses, shrubs and small fruits. 10 lbs., 45c; 25 lbs., \$1.00; 100 lb., \$3.50. Not delivered.

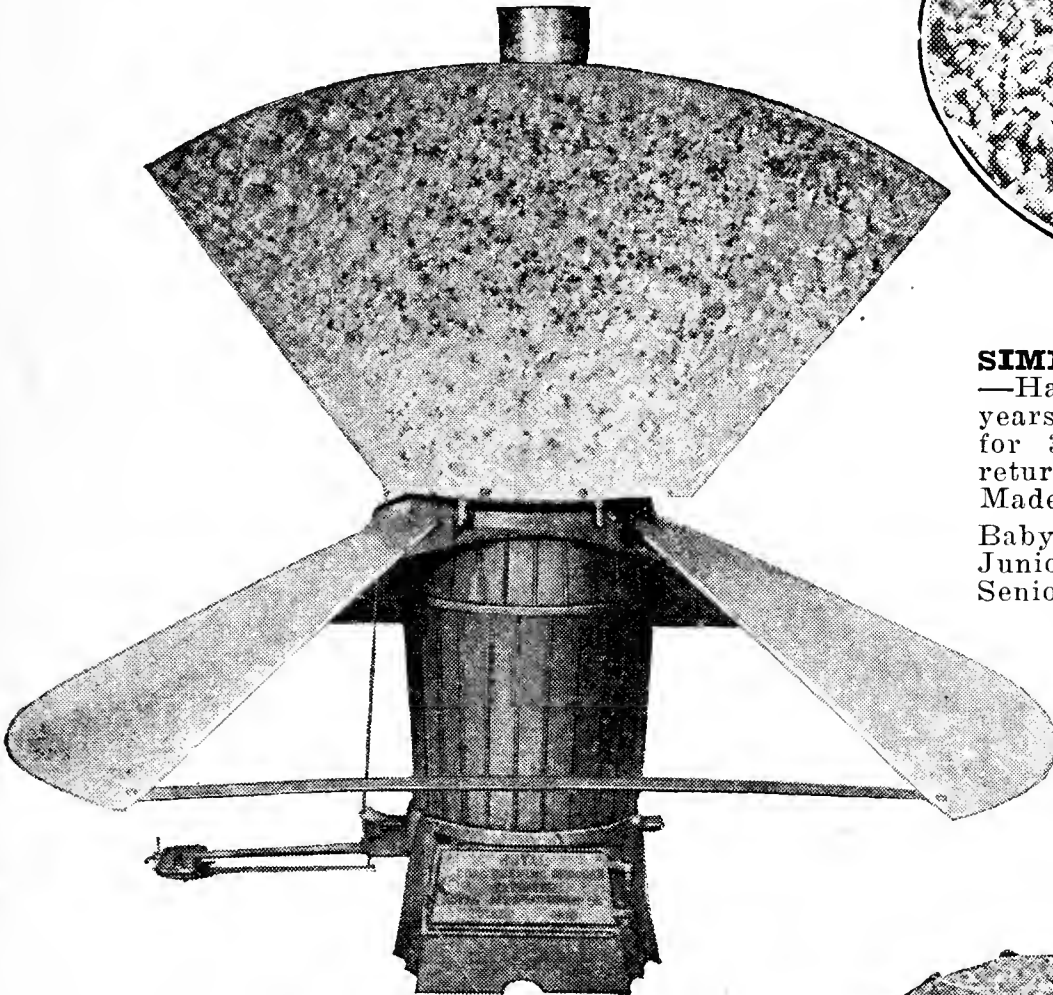
NITRATE OF SODA—A very rapid acting fertilizer. A wonderful growth stimulator. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c. Not delivered.

PLANTABS—Concentrated fertilizer tablets for potted and other plants. Bring immediate results. Simply bury tablet near plant. Dissolve in water to keep cut flowers longer. Comes in four sizes. 25c, 50c, \$1.00 and \$3.50. Delivered.

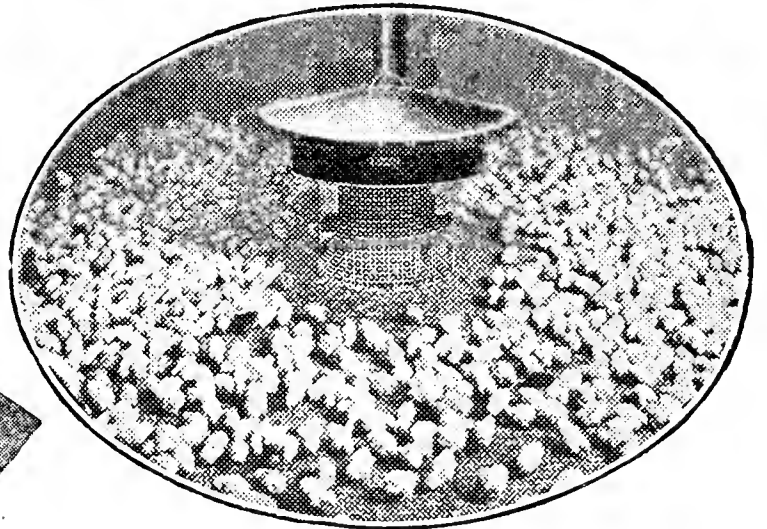


ROYAL COAL BURNING BROODERS—A real special. Will burn hard or soft coal or coke.

No. 5, 500 chicks	-----	\$12.50
No. 6, 1000 chicks	-----	\$15.00
No. 7, 1500 chicks	-----	\$22.50



Royal Coal Burning Brooders



Simplex Oil Burning Brooder

SIMPLEX OIL BURNING BROODERS

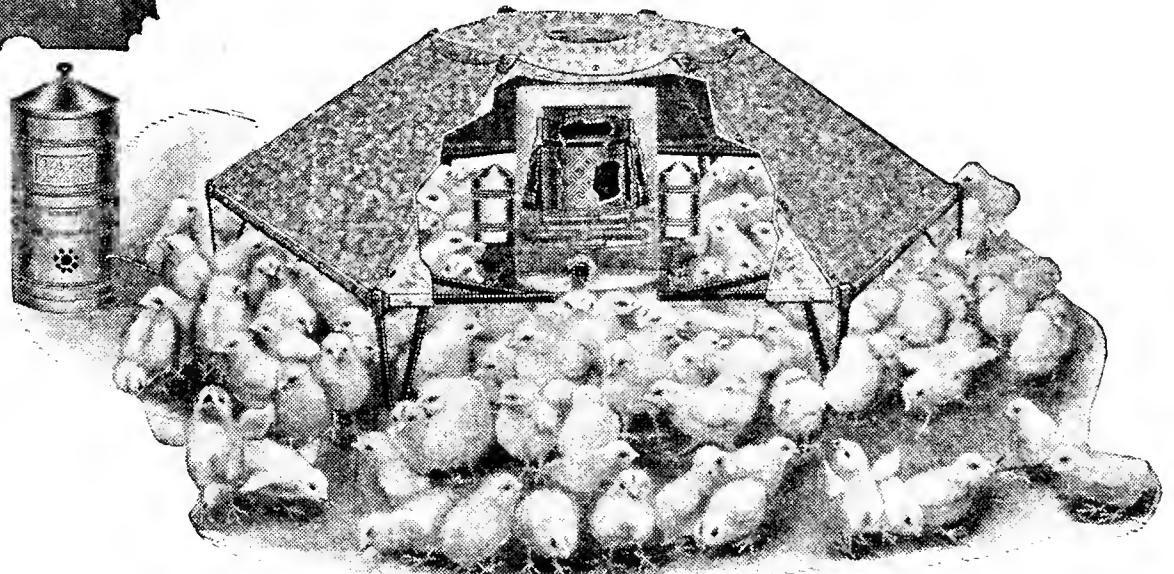
—Has grown steadily in popularity for 20 years—they must be good. Try this brooder for 30 days and if not entirely satisfied, return it and we will refund your money. Made in three sizes.

Baby—250 chicks, each	-----	\$24.00
Junior—500 chicks, each	-----	\$29.00
Senior—1000 chicks, each	-----	\$33.00

SOL-HOT TWIN FLOAT BROODERS

—The wickless burner gives an intense blue flame. Needs cleaning but once a week. Oil container is easy to fill. New low prices.

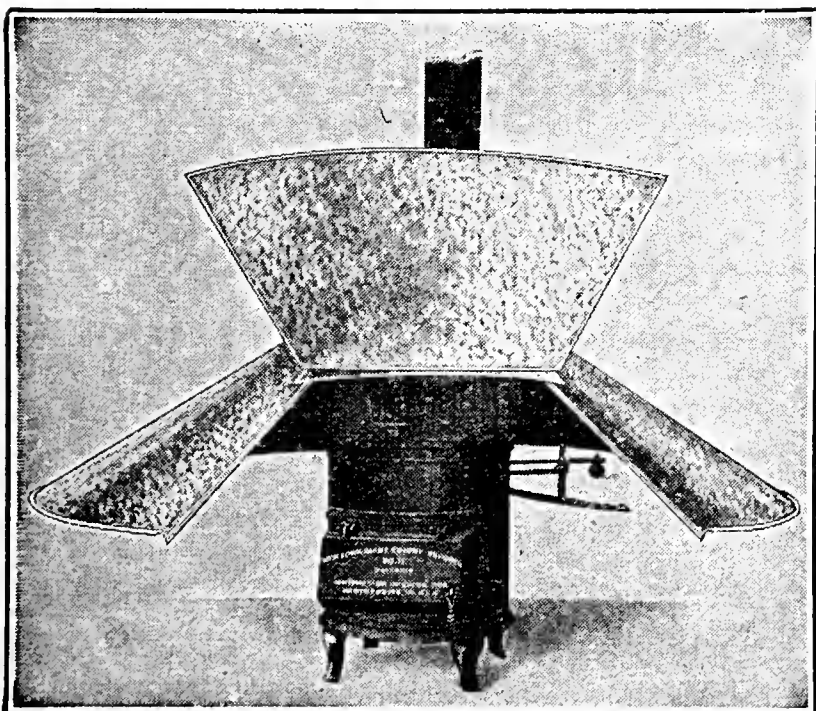
No. 24, 100 chicks	-----	\$11.50
No. 34, 300 chicks	-----	\$16.00
No. 44, 500 chicks	-----	\$17.00
No. 54, 1000 chicks	-----	\$18.00
No. 54 Giant, 1000 chicks	-----	\$20.00
No. 64 Giant, 1100 chicks	-----	\$21.50



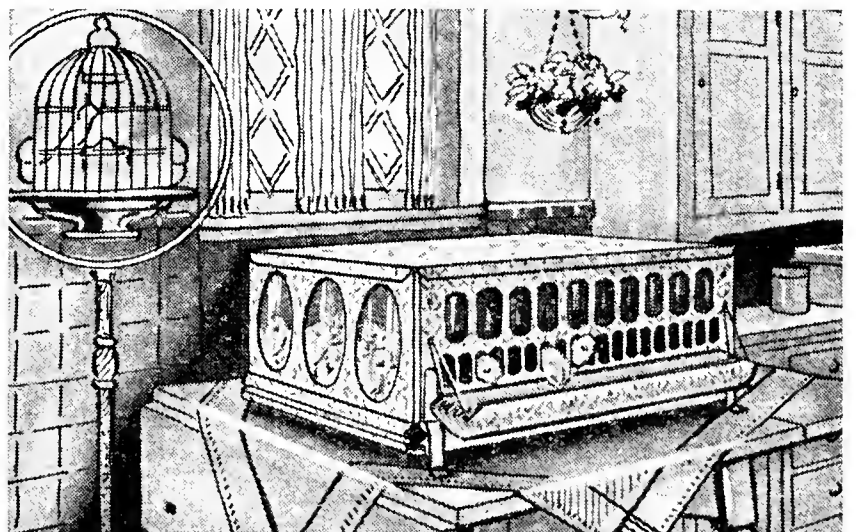
Sol-Hot Twin Float Brooder

NEWTOWN COAL BURNING BROODERS—This is one of the first and best brooders with which we became acquainted.

No. 11, 500 chick ca.	\$32.50
No. 12, 100 chick ca.	\$40.00



Newton Coal Burning Brooder



The "Red Hen" Brooder

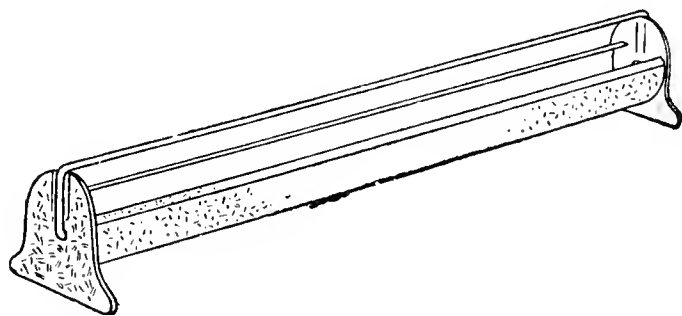
THE "RED HEN" BROODER—Electric heated, sanitary wire bottom, outside feeder and water pan, perfect ventilation. Price. \$6.60.

Jansen's Money Saving Items for the Poultry Raiser

CHICK TROUGH WITH REVOLVING WOOD REEL—Extra wide and made with wide lip on each side to prevent feed waste. 24 inches long. 25c each; 5 for \$1.00. 36 inches long; 35c each; 3 for \$1.00.



CHICK TROUGH WITH ADJUSTABLE WIRE BAR—Furnished with extra heavy rod which keeps chicks off top of trough. Good capacity with extra heavy ends. 24 inches long. 25c each; or 5 for \$1.00.

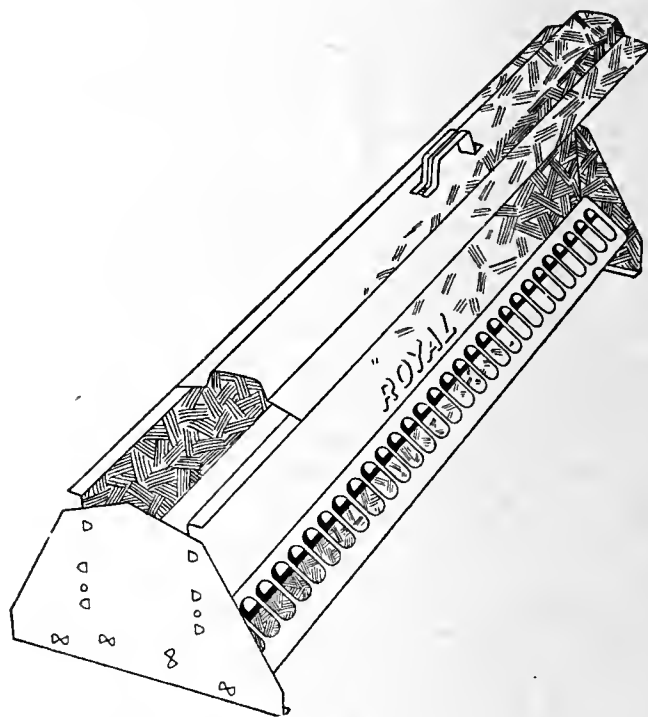


ROYAL PEAT LITTER—Peat litter is always dry. Each bale contains 20 bushels before baling and covers 320 square feet, one inch deep. \$3.00 per bale; 3 or more bales \$2.75 ea.



LOOK AT THIS BIG SPECIAL—The "Handy" Feed Hopper—Made from 26-gauge galvanized iron. Has slide top with handle. Feed grates on either side are hinged and can be thrown back, leaving open trough for growing chicks. Made in three sizes.

24 inch	-----	\$0.65
36 inch	-----	.90
48 inch	-----	1.15

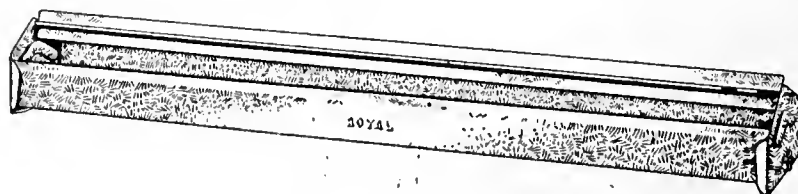


JANSEN'S LEADER CHICK FOUNT—Made from heavy galvanized iron. Top made with bail for carrying. Base pulls off to fill. Fountain may be carried by handle without fear of spilling. Special deep narrow pan for chicks. Holds 1 gal. 50c each; 6 for \$2.50.

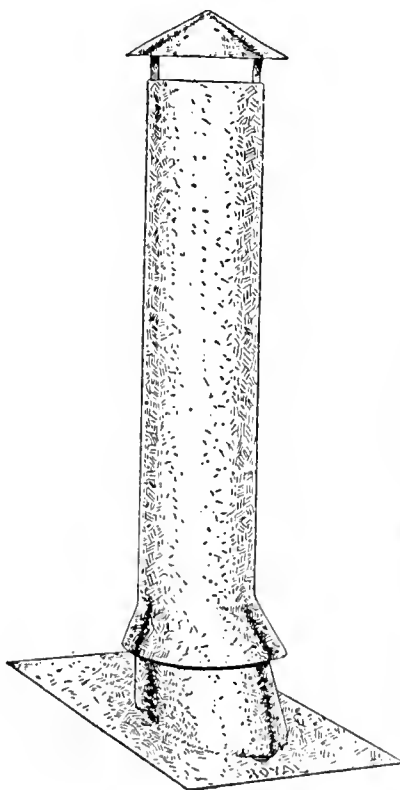
TOP-FILL LARGE CAPACITY FOUNT—This fount is made in four sizes and is one of the best sellers in our line. Made of heavy galvanized iron with large bail for carrying. Water is held at correct level in pan by a copper float and valve. 3 gal. \$1.50; 5 gal. \$2.00; 8 gal., \$2.50; 12 gal. \$5.00. We also have heaters and stands to fit the above founts. Write for prices.

ROOF FLANGE—Made from heavy galvanized iron, being rust proof and rain proof. Is adjustable to any pitch roof. Made in 4 inch and 5 inch sizes. Price \$1.40 each.

METAL REEL TROUGH FOR GROWING CHICKS—One of the newest additions to our already complete line. Made of heavy galvanized iron and is 44 inches long. Hold a large amount of feed. Ends are removable, easily cleaned and filled. 75c each; 3 for \$2.00.



MASON JAR FOUNTS—Made of either galvanized or enameled metal. Fits any standard mason jar. Most economical of all founts. 10c each; 3 for 25c.



19 N. Alabama St.
INDIANAPOLIS, INDIANA

Name
(Mr., Mrs. or Miss; write name plainly)

Date _____, 193____

Parcel Post ☐ Indicate ship-
Express ☐ ping preference
Freight ☐ with X in
square.

Name of Express Office or Freight Station

NOTICE — Remittance by Postal Money Order is a guarantee against loss. We prefer them for our mutual protection. Use them if convenient.

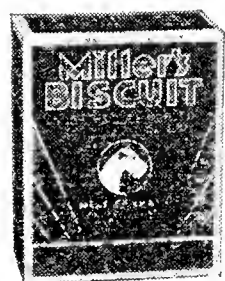
Price

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PET FOODS



MILLER'S A-1 RATION — A granular cereal meat food, thoroughly cooked, ready for use. For all breeds and ages. 2 lb., 15c; 50 lbs. \$2.50; 100 lb. \$5.00.



MILLER'S A-1 BISCUIT—Made of meat cereals, cod liver oil, and bone. Dogs thrive on this food. 10 lb. \$1.00; 50 lb. \$4.25; 100 lb. \$8.25.

MILLER'S A-1 KIBBLED—This is Miller's biscuit broken into convenient form. 10 lb. \$1.00; 50 lb. \$4.25; 100 lb. \$8.25.

MILLER'S QUICK LUNCH — Thoroughly cooked ready to serve. Contains meat, cereals and cod liver oil. Packed in 1 lb. cans. 11c each; 10 for \$1.00.

MILLER'S DOG SOAP—Kills fleas and keeps the skin in a healthy condition. 25c per bar.

KEN-L-BISCUIT—Golden cakes of energy, rich in food value. 10 lb. \$1.00; 100 lb., \$9.25.

KIB-L-BISCUIT—Golden flakes of energy. The biscuit broken in convenient form. 10 lb. \$1.00; 100 lb. \$9.25.

PUP-E-CRUMBLES—This is the biscuit broken into granular form especially for puppies. 10 lb. \$1.00; 100 lb. \$10.00.

BIRD SEED—Jansen's Special Mixture—1 lb. 15c; 2 lb. 25c; 10 lb. \$1.00.

SPECIAL SUNFLOWER SEED FOR PARROTS—1 lb., 15c; 2 lb., 25c; 10 lb., \$1.00.

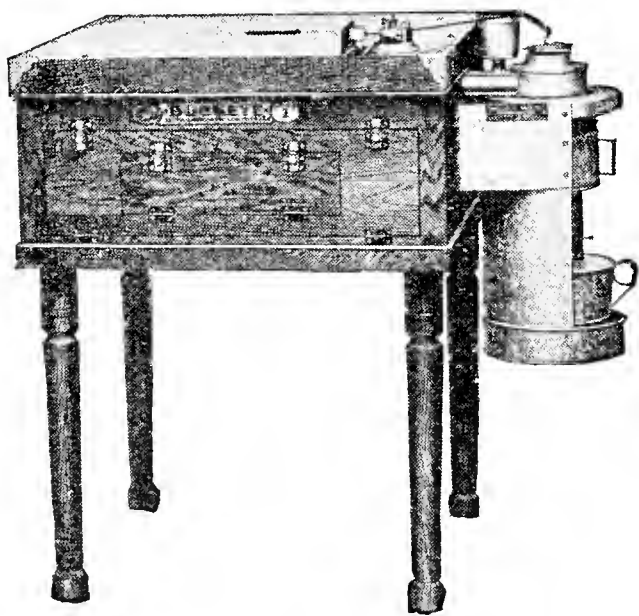
BIRD SUPPLIES—

West's Song Restorer—25c.
West's Moulting Food—25c.
West's Vitamin Song Food—25c.
West's Bird Gravel—10c.
West's Bird Lice Powder—15c.
Haller's Health Food—25c.
Dutch Song Restorer—25c.
Miller's Song Food—10c.
Biscay Cuttlebone—5c.
Miller's Fish Food—10c.

Special Sale of Genuine Buckeye Incubators

We bought over a carload of these incubators, the largest order ever shipped into Indiana of small incubators. Below is a list of what is left in stock.

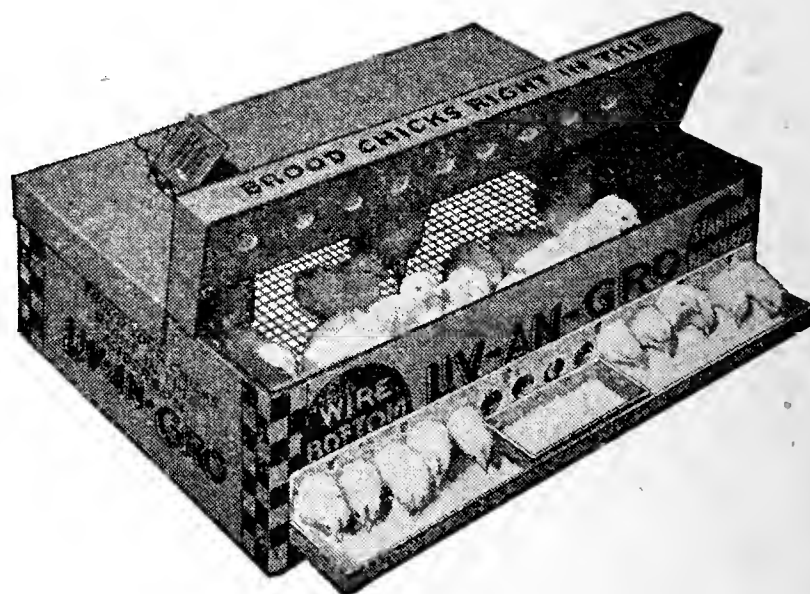
4 only No. 16E, capacity 110 eggs, Regular price \$27.50, our price	\$10.00
10 only No. 17E, capacity 210 eggs, Regular price \$36.75, our price	\$17.50
8 only No. 1, capacity 110 eggs, Regular price \$37.50, our price	\$15.00
10 only No. 3, capacity 250 eggs, Regular price \$57.75, our price	\$25.00



LIV-AN-GRO—Sensational 50 chick capacity brooder with wire bottom, outside feeder and water pan, twilight interior, durable construction for several seasons use, made in Indianapolis. See these Liv-An-Gro brooders in our store. \$1.50 each.

OTHER "HOT" SPECIALS

Glass Cloth, 30c per yd.; 10 yds. \$2.50.
Brooder stove pipe, all sizes, joint—20c.
Egg Cartons, dozen size, 100 for 75c.
Brooder stove wafers for all makes of stoves—40c up.
Brooder thermometers—50c.
Incubator thermometers—75c.
8 tray oats sprouters—\$2.50.



USEFUL INFORMATION

LEGAL WEIGHTS AND MEASURES. Lbs. per bu.

ARTICLES	Ills.	Iowa	Wis.	Mich.	Ind.	Mo.	N. Y.	Ohio
Apples, Dried	24	24	28	22	25	24	22	22
Apples, Green	50		57					
Bran	20	20	20	20		20	20	20
Barley	48	48	48	48	48	48	48	48
Beans, White	60	60	60	60	60	60	62	60
Beans, Castor	46	46	46	46	46	46	46	46
Buckwheat	52	52	50	48	50	52	48	50
Broom Corn Seed	46	46	46	46	46	46	46	30
Beets	60		50					56
Carrots	55		50			50		50
Charcoal	22	22	22	22	22	22	22	
Coal, Stone	80	80				80		80
Coke	40	38						40
Corn, Shelled	56	56	56	56	56	56	56	56
Corn, Ear	70	70	70	70	68	70	70	68
Corn, Meal	48	48	48	50	50	50	50	50
Cranberries	33			40	33			
Dried Peaches	23	23	28	28	33	33	32	33
Flax Seed	56	56	56	56	56	56	56	56
Grass Seed, Blue	14	14	14	14	14	14	15	10
Grass Seed, Clover	60	60	60	60	60	60	60	60
Grass Seed, Hungarian	48	48	48	50		48	48	50
Grass Seed, Millet	50	48	50	50	50	50		50
Grass Seed, Orchard		14	14		14	14	14	14
Grass Seed, Red Top	14	14	14	14	14	14	14	14
Grass Seed, Timothy	45	45	45	45	45	45	44	45
German Lupine	60							
Hemp Seed	44	44	44	44	44	44	44	44
Hickory Nuts	50							
Malt Barley	38	36	34	38	38	38	34	34
Mineral Coal	40				70			
Middlings, Fine	40				40			
Middlings, Coarse	30				30			
Oats	32	32	32	32	32	32	32	32
Onions	57	57	57	54	48	57	57	50
Onions, Tops	28	28	28	28	28	28	28	25
Onions, Sets	32							
Osage Orange	33							
Parsnips	55				55	54		
Potatoes	60	60	60	60	60	60	60	60
Potatoes, Sweet	50	46	55	56	55	56	55	50
Peas, Dried	60	60	60	60	60	60	60	60
Peas, in Pods	32							
Popcorn	70				70			
Quicklime	80	80	80	80	80	80	80	
Rye	56	56	56	56	56	56	56	56
Salt, Coarse	50	50	50	50	50	50	50	50
Salt, Fine	55	50	56	56	50	50	56	50
Turnips, Rutabaga	55	55	56	58	55	50	55	60
Turnips, White			42			42		
Wheat	60	60	60	60	60	60	60	60

Dry Measure. 2 pints, 1 quart; 8 quarts, 1 peck; 4 pecks, 1 bushel; 36 bushels, 1 caldron.

Liquid Measure. 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon; 31½ gallons, 1 barrel; 2 barrels 1 hoghead.

Measurement of an Acre. The following will be found useful in arriving at accuracy in estimating the amount of land in different pieces of ground under cultivation; 5 yards wide by 968 yards long, contains one acre, as do also the following measurements: 10 yards wide by 484 yards long; 20 yards wide by 242 yards long; 40 yards wide by 121 yards long; 70 yards wide by 69½ yards long; 60 feet wide by 726 feet long; 110 feet wide by 396 feet long; 120 feet wide by 363 feet long; 220 feet wide by 198 feet long; 240 feet wide by 181½ feet long, and 440 feet wide by 99 feet long.

No. of Plants or Trees per Acre at Given Distances

Dis. Apart	No. Plants	Dis. Apart	No. Plants
12x 1 in.	522,720	36x36 in.	4,480
12x 3 in.	174,240	42x12 in.	12,446
12x12 in.	43,560	42x24 in.	6,223
16x 1 in.	392,040	42x36 in.	4,148
18x 1 in.	348,480	48x12 in.	10,890
18x 3 in.	116,160	48x18 in.	7,790
18x12 in.	29,040	48x24 in.	5,445
18x18 in.	19,360	48x30 in.	4,356
20x 1 in.	313,635	48x36 in.	3,630
20x20 in.	15,681	48x58 in.	2,723
24x-1 in.	261,360	60x36 in.	2,901
24x18 in.	15,520	60x48 in.	2,178
24x24 in.	10,890	60x60 in.	1,743
30x 1 in.	209,088	8x 1 ft.	5,445
30x 6 in.	34,848	8x 3 ft.	1,815

REFERENCE TABLES

Quantity of Seeds, Requisite to Produce a Given Number of Plants and Sow an Acre

	Quantity per Acre
Artichoke, 1 oz. to 500 plants	6 oz.
Asparagus, 1 oz. to 800 plants	1 lb.
Asparagus Roots	1000 to 7250
Barley	2½ bu.
Beans, Dwarf, 1 pt. to 100 ft. of drill	1 bu.
Beans, pole, 1 pint to 100 hills	½ bu.
Beet, Garden, 1 oz. to 100 ft. of drill	7 lbs.
Beet, Mangel, 1 oz. to 100 ft. of drill	5 lbs.
Broccoli, 1 oz. to 5000 plants	2 oz.
Brussels Sprouts, 1 oz. to 5,000 plants	2 oz.
Buckwheat	½ bu.
Cabbage, 1 oz. to 3,000 plants	2 oz.
Carrot, ¼ oz. to 100 ft. of drill	2½ lbs.
Cauliflower, 1 oz. to 3,000 plants	2½ oz.
Celery, 1 oz. to 15,000 plants	2 oz.
Chicory	4 lbs.
Clover, Alsike and White Dutch	6 lbs.
Clover, Lucerne	15 to 25 lbs.
Clover, Crimson Trefoil	10 to 15 lbs.
Clover, Large Red and Medium	8 to 12 lbs.
Collards, 1 oz. to 5,000 plants	2 oz.
Corn, Rice (shelled)	4 lbs.
Corn, Sweet, ¼ pint to 100 hills	12 lbs.
Cress, 3-4 oz. to 100 ft. of drill	12 lbs.
Cucumber, 1 oz. to 100 hills	1 to 3 lbs.
Egg Plant, 1 oz. to 2,000 plants	4 oz.
Endive, ¼ oz. to 100 ft. of drill	4½ lbs.
Flax, broadcast	½ bu.
Garlic, Bulbs, 1 lb. to 10 ft. of drill	
Grass, Blue, Kentucky	30 to 40 lbs.
Grass, Blue, English	20 lbs.
Grass, Hungarian and Millet	25 lbs.
Grass, Mixed Lawn	100 lbs.
Grass, Red Top, Fancy, Clean	8 to 10 lbs.
Grass, Timothy	¼ bu.
Grass, Orchard, Perennial Rye, Fowl	
Meadow and Wood Meadow	3 lbs.
Hemp	½ bu.
Horse Radish Roots	10,000 to 15,000
Kale, 1 oz. to 5,000 plants	2 oz.
Kohl-rabi, 1-3 oz. to 100 ft. of drill	4 lbs.
Leek, 1-3 oz. to 100 ft. of drill	4 lbs.
Lettuce, ¼ oz. to 100 ft. of drill	3 lbs.
Melon, Musk, 1 oz. to 100 hills	1 to 3 lbs.
Melon, Water, 4 oz. to 100 hills	1½ to 4 lbs.
Nasturtium, 2 oz. to 100 ft. of drill	15 lbs.
Okra, 1 oz. to 100 ft. of drill	8 lbs.
Onion Seed, 1-3 oz. to 100 ft. of drill	4 to 5 lbs.
Onion Seed for sets	40 to 80 lbs.
Onion Sets, 1 qt. to 40 ft. of drill	8 bu.
Parsnips, ¼ oz. to 100 ft. of drill	3 lbs.
Parsley, ¼ oz. to 100 ft. of drill	3 lbs.
Pears, Garden, 1 pt. to 100 ft. of drill	1 to 3 bu.
Peas, Field	2 bu.
Pepper, 1 oz. to 1,500 plants	3 oz.
Pumpkin, 1-3 qt. to 100 hills	3 to 4 lbs.
Radish, 2-3 oz. to 100 ft. of drill	10 to 12 bu.
Rye	1½ bu.
Salsify, 3-4 oz. to 100 ft. of drill	8 lbs.
Spinach, ½ oz. to 1000 ft. of drill	8 lbs.
Summer Savory	3-4 lb
Sunflower	8 lbs.
Squash, Summer, 4 oz. to 100 hills	2 lbs.
Squash, Winter, 8 oz. to 100 hills	2 lbs.
Tomato, 1 oz. to 4,500 plants	2 oz.
Tobacco, 1 oz. to 5,000 plants	2 oz.
Turnip, 1 oz. to 250 ft. of drill	1 to 3 lbs.
Vetches	2 bu.

Average Time Required for Garden Seeds to Germinate

	Days		Days
Bean	5 to 10	Lettuce	6 to 8
Beet	7 to 10	Onion	7 to 10
Cabbage	5 to 10	Pea	6 to 10
Carrot	12 to 18	Parsnip	10 to 20
Cauliflower	5 to 10	Pepper	9 to 14
Celery	10 to 20	Radish	3 to 6
Corn	5 to 8	Salsify	7 to 12
Cucumber	6 to 10	Tomato	6 to 12
Endive	5 to 10	Turnip	4 to 8



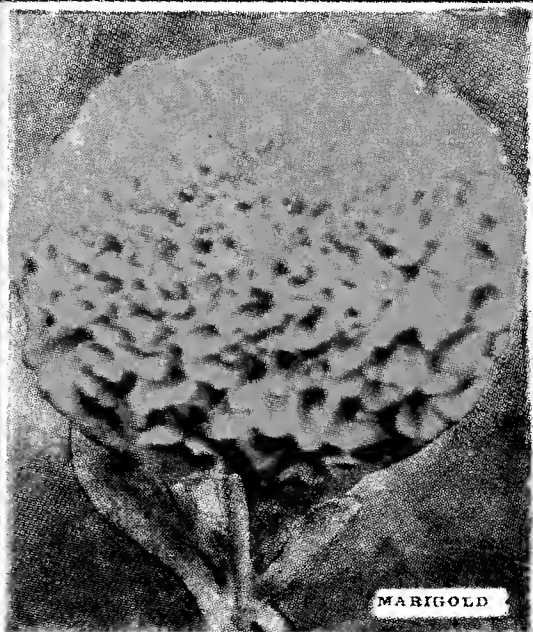
POPPIES



LARKSPUR



ZINNIA



MARIGOLD

12 Packets "CHOICE SELECTED" Flower Seed

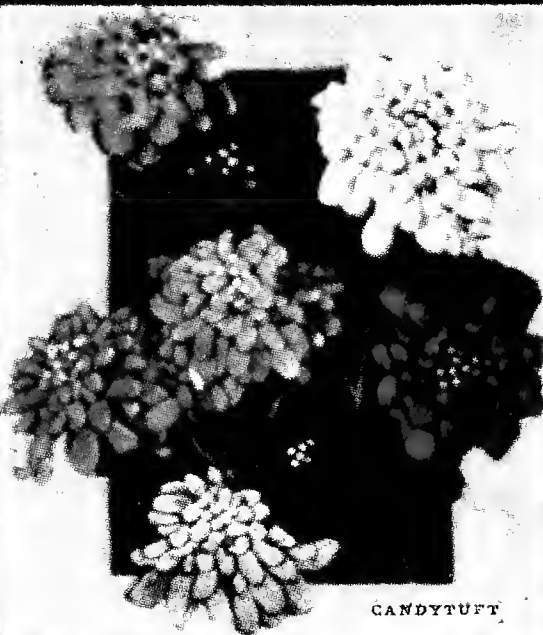
Oriental Poppy, Larkspur,
Zinnias, Marigold, Snap-
dragons, Petunias, Garden
Pinks, Candytuft, Asters,
Canterbury Bells,
Cosmos, Sweet
Alyssum, all for **50c**



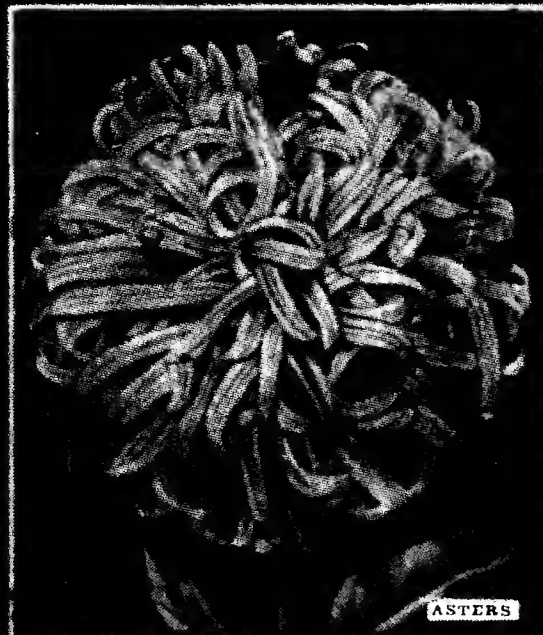
PETUNIA



GARDEN PINKS



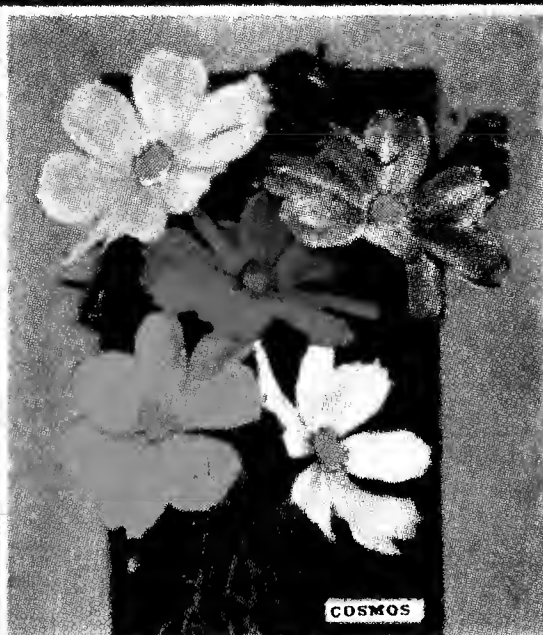
CANDYTUFT



ASTERS



CANTERBURY BELLS



COSMOS



SWEET ALYSSUM